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[ 0.000000] Linux version 6.12.11-204.nobara.fc40.x86_64
(mockbuild@cbfc76b790054cd39f296683fc9db6f6) (gcc (GCC) 14.2.1 20240912 (Red Hat
14.2.1-3), GNU ld version 2.41-38.fc40) #1 SMP PREEMPT_DYNAMIC Sun Jan 26 00:15:36
UTC 2025
[ 0.000000] Command line:
BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64
root=UUID=42981282-a114-417e-b3ba-32b0295a0725 ro rootflags=subvol=@ quiet
amdgpu.ppfeaturemask=0xffffffff splash
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x0000000000009ffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000a0000-0x000000000000ffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000100000-0x000000000009cfefff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000009cff000-0x000000000009ffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000a00000-0x0000000000a1ffff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000a20000-0x0000000000a2dffff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x0000000000a20e000-0x0000000000c9dc5fff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000c9dc6000-0x0000000000ca0f2fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000ca0f3000-0x0000000000ca346fff] ACPI data
[ 0.000000] BIOS-e820: [mem 0x0000000000ca347000-0x0000000000ca9fefff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x0000000000ca9ff000-0x0000000000cbbfefff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000cbbff000-0x0000000000ccffffff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000cd000000-0x0000000000cfffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000f0000000-0x0000000000f7ffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fd200000-0x0000000000fd2ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fd400000-0x0000000000fd5ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fea00000-0x0000000000fea0ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000feb80000-0x0000000000fec01fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fec10000-0x0000000000fec10fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fed00000-0x0000000000fed00fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fed40000-0x0000000000fed44fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fed80000-0x0000000000fed8ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fedc2000-0x0000000000fedcffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fedd4000-0x0000000000fedd5fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000ff000000-0x0000000000ffffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000100000000-0x00000000082f37ffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000082f380000-0x00000000082ffffff] reserved
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] APIC: Static calls initialized
[ 0.000000] e820: update [mem 0xbc24b018-0xbc259067] usable ==> usable
[ 0.000000] e820: update [mem 0xbc22f018-0xbc24a657] usable ==> usable
[ 0.000000] extended physical RAM map:
[ 0.000000] reserve setup_data: [mem 0x0000000000000000-0x0000000000009ffff] usable
[ 0.000000] reserve setup_data: [mem 0x00000000000a0000-0x000000000000ffffff]
reserved
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[0.000000] reserve setup_data: [mem 0x000000000100000-0x0000000009cfefff] usable
[0.000000] reserve setup_data: [mem 0x0000000009cff000-0x0000000009fffff] reserved
[0.000000] reserve setup_data: [mem 0x000000000a000000-0x000000000a1fffff] usable
[0.000000] reserve setup_data: [mem 0x000000000a200000-0x000000000a20dfff] ACPI
NVS
[0.000000] reserve setup_data: [mem 0x000000000a20e000-0x00000000bc22f017]
usable
[0.000000] reserve setup_data: [mem 0x00000000bc22f018-0x00000000bc24a657]
usable
[0.000000] reserve setup_data: [mem 0x00000000bc24a658-0x00000000bc24b017]
usable
[0.000000] reserve setup_data: [mem 0x00000000bc24b018-0x00000000bc259067]
usable
[0.000000] reserve setup_data: [mem 0x00000000bc259068-0x00000000c9dc5fff]
usable
[0.000000] reserve setup_data: [mem 0x00000000c9dc6000-0x00000000ca0f2fff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000ca0f3000-0x00000000ca346fff] ACPI
data
[0.000000] reserve setup_data: [mem 0x00000000ca347000-0x00000000ca9fefff] ACPI
NVS
[0.000000] reserve setup_data: [mem 0x00000000ca9ff000-0x00000000cbbfefff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000cbbff000-0x00000000ccfffff] usable
[0.000000] reserve setup_data: [mem 0x00000000cd000000-0x00000000cfffff] reserved
[0.000000] reserve setup_data: [mem 0x00000000f0000000-0x00000000f7fffff] reserved
[0.000000] reserve setup_data: [mem 0x00000000fd200000-0x00000000fd2fffff] reserved
[0.000000] reserve setup_data: [mem 0x00000000fd400000-0x00000000fd5fffff] reserved
[0.000000] reserve setup_data: [mem 0x00000000fea00000-0x00000000fea0ffff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000feb80000-0x00000000fec01fff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000fec10000-0x00000000fec10fff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000fed00000-0x00000000fed00fff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000fed40000-0x00000000fed44fff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000fed80000-0x00000000fed8ffff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000fedc2000-0x00000000fedcffff]
reserved
[0.000000] reserve setup_data: [mem 0x00000000fedd4000-0x00000000fedd5fff]
reserved

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[ 0.000000] reserve setup_data: [mem 0x00000000ff000000-0x00000000ffffff] reserved
[ 0.000000] reserve setup_data: [mem 0x0000000010000000-0x0000000082f37fff] usable
[ 0.000000] reserve setup_data: [mem 0x0000000082f38000-0x0000000082ffffff] reserved
[ 0.000000] efi: EFI v2.7 by American Megatrends
[ 0.000000] efi: ACPI=0xca346000 ACPI 2.0=0xca346014 SMBIOS=0xcba05000
SMBIOS 3.0=0xcba04000 MEMATTR=0xc7e13018 ESRT=0xc826cb18 MOKvar=0xcba52000
RNG=0xca32cc18
[ 0.000000] random: crng init done
[ 0.000000] efi: Remove mem75: MMIO range=[0xf0000000-0xf7ffff] (128MB) from e820
map
[ 0.000000] e820: remove [mem 0xf0000000-0xf7ffff] reserved
[ 0.000000] efi: Remove mem76: MMIO range=[0xfd200000-0xfd2ffff] (1MB) from e820
map
[ 0.000000] e820: remove [mem 0xfd200000-0xfd2ffff] reserved
[ 0.000000] efi: Remove mem77: MMIO range=[0xfd400000-0xfd5ffff] (2MB) from e820
map
[ 0.000000] e820: remove [mem 0xfd400000-0xfd5ffff] reserved
[ 0.000000] efi: Not removing mem78: MMIO range=[0xfea00000-0xfea0fff] (64KB) from
e820 map
[ 0.000000] efi: Remove mem79: MMIO range=[0xfeb80000-0xfec01fff] (0MB) from e820
map
[ 0.000000] e820: remove [mem 0xfeb80000-0xfec01fff] reserved
[ 0.000000] efi: Not removing mem80: MMIO range=[0xfec10000-0xfec10fff] (4KB) from
e820 map
[ 0.000000] efi: Not removing mem81: MMIO range=[0xfed00000-0xfed00fff] (4KB) from
e820 map
[ 0.000000] efi: Not removing mem82: MMIO range=[0xfed40000-0xfed44fff] (20KB) from
e820 map
[ 0.000000] efi: Not removing mem83: MMIO range=[0xfed80000-0xfed8ffff] (64KB) from
e820 map
[ 0.000000] efi: Not removing mem84: MMIO range=[0xfedc2000-0xfedcffff] (56KB) from
e820 map
[ 0.000000] efi: Not removing mem85: MMIO range=[0xfedd4000-0xfedd5fff] (8KB) from
e820 map
[ 0.000000] efi: Remove mem86: MMIO range=[0xff000000-0xffffffff] (16MB) from e820
map
[ 0.000000] e820: remove [mem 0xff000000-0xffffffff] reserved
[ 0.000000] SMBIOS 3.3.0 present.
[ 0.000000] DMI: System manufacturer System Product Name/TUF GAMING X570-PLUS
(WI-FI), BIOS 3001 12/04/2020
[ 0.000000] DMI: Memory slots populated: 4/4
[ 0.000000] tsc: Fast TSC calibration using PIT
[ 0.000000] tsc: Detected 3699.648 MHz processor
[ 0.000444] e820: update [mem 0x00000000-0x00000fff] usable ==> reserved
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[ 0.000445] e820: remove [mem 0x000a0000-0x000fffff] usable
[ 0.000452] last_pfn = 0x82f380 max_arch_pfn = 0x400000000
[ 0.000457] total RAM covered: 3327M
[ 0.000617] Found optimal setting for mtrr clean up
[ 0.000617] gran_size: 64K chunk_size: 128M num_reg: 4 lose cover RAM: 0G
[ 0.000620] MTRR map: 7 entries (3 fixed + 4 variable; max 20), built from 9 variable
MTRRs
[ 0.000622] x86/PAT: Configuration [0-7]: WB WC UC- UC WB WP UC- WT
[ 0.000773] e820: update [mem 0xcb2e0000-0xcb2effff] usable ==> reserved
[ 0.000776] e820: update [mem 0xd0000000-0xffffffff] usable ==> reserved
[ 0.000778] last_pfn = 0xcd000 max_arch_pfn = 0x400000000
[ 0.003554] esrt: Reserving ESRT space from 0x00000000c826cb18 to
0x00000000c826cb50.
[ 0.003559] e820: update [mem 0xc826c000-0xc826cfff] usable ==> reserved
[ 0.003573] Using GB pages for direct mapping
[ 0.003879] Secure boot disabled
[ 0.003879] RAMDISK: [mem 0xbc25a000-0xbfe25fff]
[ 0.003882] ACPI: Early table checksum verification disabled
[ 0.003884] ACPI: RSDP 0x00000000CA346014 000024 (v02 ALASKA)
[ 0.003886] ACPI: XSDT 0x00000000CA345728 0000D4 (v01 ALASKA A M I
01072009 AMI 01000013)
[ 0.003889] ACPI: FACP 0x00000000CA33E000 000114 (v06 ALASKA A M I
01072009 AMI 00010013)
[ 0.003892] ACPI: DSDT 0x00000000CA332000 00B8DC (v02 ALASKA A M I
01072009 INTL 20120913)
[ 0.003894] ACPI: FACS 0x00000000CA9E2000 000040
[ 0.003895] ACPI: SSDT 0x00000000CA344000 00092A (v02 AMD AmdTable 00000002
MSFT 04000000)
[ 0.003897] ACPI: SSDT 0x00000000CA340000 003AAF (v01 AMDAMD AOD 00000001
INTL 20120913)
[ 0.003898] ACPI: SSDT 0x00000000CA33F000 0000C8 (v02 ALASKA CPUSSDT
01072009 AMI 01072009)
[ 0.003899] ACPI: FIDT 0x00000000CA331000 00009C (v01 ALASKA A M I
01072009 AMI 00010013)
[ 0.003901] ACPI: FPDT 0x00000000CA240000 000044 (v01 ALASKA A M I
01072009 AMI 01000013)
[ 0.003902] ACPI: MCFG 0x00000000CA32F000 00003C (v01 ALASKA A M I
01072009 MSFT 00010013)
[ 0.003903] ACPI: HPET 0x00000000CA32E000 000038 (v01 ALASKA A M I
01072009 AMI 00000005)
[ 0.003905] ACPI: SSDT 0x00000000CA32D000 000024 (v01 AMD BIXBY 00001000
INTL 20120913)
[ 0.003906] ACPI: IVRS 0x00000000CA32B000 0000D0 (v02 AMD AmdTable 00000001
AMD 00000000)
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[0.003908] ACPI: BGRT 0x00000000CA32A000 000038 (v01 ALASKA A M I
01072009 AMI 00010013)
[0.003909] ACPI: WPBT 0x00000000CA251000 00003C (v01 ALASKA A M I
00000001 ASUS 00000001)
[0.003910] ACPI: PCCT 0x00000000CA250000 00006E (v02 AMD AmdTable 00000001
AMD 00000000)
[0.003912] ACPI: SSDT 0x00000000CA24D000 002FA1 (v02 AMD AmdTable 00000001
AMD 00000001)
[0.003913] ACPI: CRAT 0x00000000CA24C000 000B18 (v01 AMD AmdTable 00000001
AMD 00000001)
[0.003914] ACPI: CDIT 0x00000000CA24B000 000029 (v01 AMD AmdTable 00000001
AMD 00000001)
[0.003916] ACPI: SSDT 0x00000000CA24A000 000293 (v01 AMD QOGIRDGP
00000001 INTL 20120913)
[0.003917] ACPI: SSDT 0x00000000CA248000 0010B4 (v01 AMD QOGIRTPX
00000001 INTL 20120913)
[0.003918] ACPI: SSDT 0x00000000CA247000 00052C (v01 AMD QOGIRNOI
00000001 INTL 20120913)
[0.003920] ACPI: SSDT 0x00000000CA243000 00381A (v01 AMD QOGIRN 00000001
INTL 20120913)
[0.003921] ACPI: WSMT 0x00000000CA242000 000028 (v01 ALASKA A M I
01072009 AMI 00010013)
[0.003923] ACPI: APIC 0x00000000CA241000 00015E (v03 ALASKA A M I
01072009 AMI 00010013)
[0.003924] ACPI: Reserving FACP table memory at [mem 0xca33e000-0xca33e113]
[0.003925] ACPI: Reserving DSDT table memory at [mem 0xca332000-0xca33d8db]
[0.003925] ACPI: Reserving FACS table memory at [mem 0xca9e2000-0xca9e203f]
[0.003925] ACPI: Reserving SSDT table memory at [mem 0xca344000-0xca344929]
[0.003926] ACPI: Reserving SSDT table memory at [mem 0xca340000-0xca343aae]
[0.003926] ACPI: Reserving SSDT table memory at [mem 0xca33f000-0xca33f0c7]
[0.003927] ACPI: Reserving FIDT table memory at [mem 0xca331000-0xca33109b]
[0.003927] ACPI: Reserving FPDT table memory at [mem 0xca240000-0xca240043]
[0.003928] ACPI: Reserving MCFG table memory at [mem 0xca32f000-0xca32f03b]
[0.003928] ACPI: Reserving HPET table memory at [mem 0xca32e000-0xca32e037]
[0.003928] ACPI: Reserving SSDT table memory at [mem 0xca32d000-0xca32d023]
[0.003929] ACPI: Reserving IVRS table memory at [mem 0xca32b000-0xca32b0cf]
[0.003929] ACPI: Reserving BGRT table memory at [mem 0xca32a000-0xca32a037]
[0.003930] ACPI: Reserving WPBT table memory at [mem 0xca251000-0xca25103b]
[0.003930] ACPI: Reserving PCCT table memory at [mem 0xca250000-0xca25006d]
[0.003931] ACPI: Reserving SSDT table memory at [mem 0xca24d000-0xca24ffa0]
[0.003931] ACPI: Reserving CRAT table memory at [mem 0xca24c000-0xca24cb17]
[0.003932] ACPI: Reserving CDIT table memory at [mem 0xca24b000-0xca24b028]
[0.003932] ACPI: Reserving SSDT table memory at [mem 0xca24a000-0xca24a292]
[0.003932] ACPI: Reserving SSDT table memory at [mem 0xca248000-0xca2490b3]

[0.003933] ACPI: Reserving SSDT table memory at [mem 0xca247000-0xca24752b]
[0.003933] ACPI: Reserving SSDT table memory at [mem 0xca243000-0xca246819]
[0.003934] ACPI: Reserving WSMT table memory at [mem 0xca242000-0xca242027]
[0.003934] ACPI: Reserving APIC table memory at [mem 0xca241000-0xca24115d]
[0.003979] No NUMA configuration found
[0.003980] Faking a node at [mem 0x0000000000000000-0x000000082f37ffff]
[0.003985] NODE_DATA(0) allocated [mem 0x82f3552c0-0x82f37ffff]
[0.004127] Zone ranges:
[0.004128] DMA [mem 0x0000000000001000-0x0000000000ffffff]
[0.004129] DMA32 [mem 0x0000000001000000-0x00000000ffffff]
[0.004130] Normal [mem 0x0000000100000000-0x000000082f37ffff]
[0.004130] Device empty
[0.004131] Movable zone start for each node
[0.004132] Early memory node ranges
[0.004133] node 0: [mem 0x0000000000001000-0x000000000009ffff]
[0.004133] node 0: [mem 0x0000000000100000-0x0000000009cfefff]
[0.004134] node 0: [mem 0x00000000a0000000-0x00000000a1ffff]
[0.004134] node 0: [mem 0x00000000a20e0000-0x00000000c9dc5fff]
[0.004135] node 0: [mem 0x00000000cbbff000-0x00000000ccffffff]
[0.004136] node 0: [mem 0x0000000100000000-0x000000082f37ffff]
[0.004138] Initmem setup node 0 [mem 0x0000000000001000-0x000000082f37ffff]
[0.004142] On node 0, zone DMA: 1 pages in unavailable ranges
[0.004155] On node 0, zone DMA: 96 pages in unavailable ranges
[0.004265] On node 0, zone DMA32: 769 pages in unavailable ranges
[0.006721] On node 0, zone DMA32: 14 pages in unavailable ranges
[0.006787] On node 0, zone DMA32: 7737 pages in unavailable ranges
[0.033298] On node 0, zone Normal: 12288 pages in unavailable ranges
[0.033319] On node 0, zone Normal: 3200 pages in unavailable ranges
[0.034080] ACPI: PM-Timer IO Port: 0x808
[0.034085] CPU topo: Ignoring hot-pluggable APIC ID 0 in present package.
[0.034088] ACPI: LAPIC_NMI (acpi_id[0xff] high edge lint[0x1])
[0.034099] IOAPIC[0]: apic_id 13, version 33, address 0xfec00000, GSI 0-23
[0.034104] IOAPIC[1]: apic_id 14, version 33, address 0xfec01000, GSI 24-55
[0.034106] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[0.034107] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 low level)
[0.034109] ACPI: Using ACPI (MADT) for SMP configuration information
[0.034110] ACPI: HPET id: 0x10228201 base: 0xfed00000
[0.034116] e820: update [mem 0xc4db2000-0xc4f62fff] usable ==> reserved
[0.034129] CPU topo: Max. logical packages: 1
[0.034130] CPU topo: Max. logical dies: 1
[0.034130] CPU topo: Max. dies per package: 1
[0.034133] CPU topo: Max. threads per core: 2
[0.034133] CPU topo: Num. cores per package: 6
[0.034134] CPU topo: Num. threads per package: 12

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[ 0.034134] CPU topo: Allowing 12 present CPUs plus 0 hotplug CPUs
[ 0.034134] CPU topo: Rejected CPUs 20
[ 0.034149] PM: hibernation: Registered nosave memory: [mem 0x00000000-0x00000fff]
[ 0.034151] PM: hibernation: Registered nosave memory: [mem 0x000a0000-0x000fffff]
[ 0.034152] PM: hibernation: Registered nosave memory: [mem 0x09cff000-0x09fffff]
[ 0.034153] PM: hibernation: Registered nosave memory: [mem 0x0a200000-0x0a20dfff]
[ 0.034154] PM: hibernation: Registered nosave memory: [mem 0xbc22f000-0xbc22ffff]
[ 0.034155] PM: hibernation: Registered nosave memory: [mem 0xbc24a000-0xbc24afff]
[ 0.034155] PM: hibernation: Registered nosave memory: [mem 0xbc24b000-0xbc24bfff]
[ 0.034156] PM: hibernation: Registered nosave memory: [mem 0xbc259000-0xbc259fff]
[ 0.034157] PM: hibernation: Registered nosave memory: [mem 0xc4db2000-0xc4f62fff]
[ 0.034158] PM: hibernation: Registered nosave memory: [mem 0xc826c000-0xc826cfff]
[ 0.034159] PM: hibernation: Registered nosave memory: [mem 0xc9dc6000-0xca0f2fff]
[ 0.034159] PM: hibernation: Registered nosave memory: [mem 0xca0f3000-0xca346fff]
[ 0.034160] PM: hibernation: Registered nosave memory: [mem 0xca347000-0xca9effff]
[ 0.034160] PM: hibernation: Registered nosave memory: [mem 0xca9ff000-0xcbbfefff]
[ 0.034161] PM: hibernation: Registered nosave memory: [mem 0xcd000000-0xcfffffff]
[ 0.034162] PM: hibernation: Registered nosave memory: [mem 0xd0000000-0xfe9fffff]
[ 0.034162] PM: hibernation: Registered nosave memory: [mem 0xfea00000-0xfea0ffff]
[ 0.034162] PM: hibernation: Registered nosave memory: [mem 0xfea10000-0xfec0ffff]
[ 0.034163] PM: hibernation: Registered nosave memory: [mem 0xfec10000-0xfec10fff]
[ 0.034163] PM: hibernation: Registered nosave memory: [mem 0xfec11000-0xfecfffff]
[ 0.034163] PM: hibernation: Registered nosave memory: [mem 0xfed00000-0xfed00fff]
[ 0.034164] PM: hibernation: Registered nosave memory: [mem 0xfed01000-0xfed3ffff]
[ 0.034164] PM: hibernation: Registered nosave memory: [mem 0xfed40000-0xfed44fff]
[ 0.034165] PM: hibernation: Registered nosave memory: [mem 0xfed45000-0xfed7ffff]
[ 0.034165] PM: hibernation: Registered nosave memory: [mem 0xfed80000-0xfed8ffff]
[ 0.034165] PM: hibernation: Registered nosave memory: [mem 0xfed90000-0xfedc1fff]
[ 0.034166] PM: hibernation: Registered nosave memory: [mem 0xfedc2000-0xfedcffff]
[ 0.034166] PM: hibernation: Registered nosave memory: [mem 0xfedd0000-0xfedd3fff]
[ 0.034166] PM: hibernation: Registered nosave memory: [mem 0xfedd4000-0xfedd5fff]
[ 0.034167] PM: hibernation: Registered nosave memory: [mem 0xfedd6000-0xffffffff]
[ 0.034168] [mem 0xd0000000-0xfe9fffff] available for PCI devices
[ 0.034169] Booting paravirtualized kernel on bare hardware
[ 0.034170] clocksource: refined-jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1910969940391419 ns
[ 0.038210] setup_percpu: NR_CPUS:8192 nr_cpumask_bits:12 nr_cpu_ids:12
nr_node_ids:1
[ 0.038590] percpu: Embedded 67 pages/cpu s237568 r8192 d28672 u524288
[ 0.038594] pcpu-alloc: s237568 r8192 d28672 u524288 alloc=1*2097152
[ 0.038596] pcpu-alloc: [0] 00 01 02 03 [0] 04 05 06 07
[ 0.038598] pcpu-alloc: [0] 08 09 10 11
[ 0.038610] Kernel command line:
BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64
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root=UUID=42981282-a114-417e-b3ba-32b0295a0725 ro rootflags=subvol=@ quiet
amdgpu.ppfeaturemask=0xffffffff splash
[ 0.038659] Unknown kernel command line parameters "splash
BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64", will be passed to user
space.
[ 0.040367] Dentry cache hash table entries: 4194304 (order: 13, 33554432 bytes, linear)
[ 0.041220] Inode-cache hash table entries: 2097152 (order: 12, 16777216 bytes, linear)
[ 0.041272] Fallback order for Node 0: 0
[ 0.041274] Built 1 zonelists, mobility grouping on. Total pages: 8364503
[ 0.041275] Policy zone: Normal
[ 0.041414] mem auto-init: stack:all(zero), heap alloc:on, heap free:off
[ 0.041445] software IO TLB: area num 16.
[ 0.090562] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=12, Nodes=1
[ 0.090592] ftrace: allocating 48846 entries in 191 pages
[ 0.097625] ftrace: allocated 191 pages with 7 groups
[ 0.097654] BORE (Burst-Oriented Response Enhancer) CPU Scheduler modification
5.9.5 by Masahito Suzuki
[ 0.097679] Dynamic Preempt: full
[ 0.097718] rcu: Preemptible hierarchical RCU implementation.
[ 0.097718] rcu: RCU restricting CPUs from NR_CPUS=8192 to nr_cpu_ids=12.
[ 0.097719] rcu: RCU priority boosting: priority 1 delay 500 ms.
[ 0.097720] Trampoline variant of Tasks RCU enabled.
[ 0.097720] Rude variant of Tasks RCU enabled.
[ 0.097720] Tracing variant of Tasks RCU enabled.
[ 0.097721] rcu: RCU calculated value of scheduler-enlistment delay is 100 jiffies.
[ 0.097722] rcu: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=12
[ 0.097728] RCU Tasks: Setting shift to 4 and lim to 1 rcu_task_cb_adjust=1
rcu_task_cpu_ids=12.
[ 0.097729] RCU Tasks Rude: Setting shift to 4 and lim to 1 rcu_task_cb_adjust=1
rcu_task_cpu_ids=12.
[ 0.097731] RCU Tasks Trace: Setting shift to 4 and lim to 1 rcu_task_cb_adjust=1
rcu_task_cpu_ids=12.
[ 0.100950] NR_IRQS: 524544, nr_irqs: 1064, preallocated irqs: 16
[ 0.101125] rcu: srcu_init: Setting srcu_struct sizes based on contention.
[ 0.101214] kfence: initialized - using 2097152 bytes for 255 objects at
0x(____ptrval____)-0x(____ptrval____)
[ 0.101239] Console: colour dummy device 80x25
[ 0.101240] printk: legacy console [tty0] enabled
[ 0.101276] ACPI: Core revision 20240827
[ 0.101348] clocksource: hpet: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
133484873504 ns
[ 0.101363] APIC: Switch to symmetric I/O mode setup
[ 0.102100] AMD-Vi: Using global IVHD EFR:0x58f77ef22294ade, EFR2:0x0
[ 0.102989] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
```

[0.107364] clocksource: tsc-early: mask: 0xffffffff max_cycles: 0x6aa813f3a40, max_idle_ns: 881591010354 ns

[0.107369] Calibrating delay loop (skipped), value calculated using timer frequency.. 7399.29 BogoMIPS (lpj=3699648)

[0.107380] x86/cpu: User Mode Instruction Prevention (UMIP) activated

[0.107427] LVT offset 1 assigned for vector 0xf9

[0.107571] LVT offset 2 assigned for vector 0xf4

[0.107612] Last level iTLB entries: 4KB 512, 2MB 512, 4MB 256

[0.107612] Last level dTLB entries: 4KB 2048, 2MB 2048, 4MB 1024, 1GB 0

[0.107615] process: using mwait in idle threads

[0.107616] Spectre V1 : Mitigation: usercopy/swaps barriers and __user pointer sanitization

[0.107617] Spectre V2 : Mitigation: Retpolines

[0.107618] Spectre V2 : Spectre v2 / SpectreRSB mitigation: Filling RSB on context switch

[0.107618] Spectre V2 : Spectre v2 / SpectreRSB : Filling RSB on VMEXIT

[0.107619] Spectre V2 : Enabling Restricted Speculation for firmware calls

[0.107620] Spectre V2 : mitigation: Enabling conditional Indirect Branch Prediction Barrier

[0.107620] Spectre V2 : User space: Mitigation: STIBP always-on protection

[0.107621] Speculative Store Bypass: Mitigation: Speculative Store Bypass disabled via prctl

[0.107622] Speculative Return Stack Overflow: Mitigation: Safe RET

[0.107626] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'

[0.107626] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'

[0.107627] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'

[0.107627] x86/fpu: Supporting XSAVE feature 0x200: 'Protection Keys User registers'

[0.107628] x86/fpu: Supporting XSAVE feature 0x800: 'Control-flow User registers'

[0.107629] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256

[0.107630] x86/fpu: xstate_offset[9]: 832, xstate_sizes[9]: 8

[0.107630] x86/fpu: xstate_offset[11]: 840, xstate_sizes[11]: 16

[0.107631] x86/fpu: Enabled xstate features 0xa07, context size is 856 bytes, using 'compacted' format.

[0.127998] Freeing SMP alternatives memory: 52K

[0.128001] pid_max: default: 32768 minimum: 301

[0.130287] LSM: initializing lsm=capability,lockdown,yama,apparmor,bpf,landlock

[0.130320] Yama: becoming mindful.

[0.130401] AppArmor: AppArmor initialized

[0.130586] LSM support for eBPF active

[0.130608] landlock: Up and running.

[0.130650] Mount-cache hash table entries: 65536 (order: 7, 524288 bytes, linear)

[0.130680] Mountpoint-cache hash table entries: 65536 (order: 7, 524288 bytes, linear)

[0.234094] smpboot: CPU0: AMD Ryzen 5 5600X 6-Core Processor (family: 0x19, model: 0x21, stepping: 0x0)

[0.234286] Performance Events: Fam17h+ core perfctr, AMD PMU driver.

```
[ 0.234290] ... version: 0
[ 0.234292] ... bit width: 48
[ 0.234292] ... generic registers: 6
[ 0.234293] ... value mask: 0000ffffffff
[ 0.234294] ... max period: 00007fffffffff
[ 0.234295] ... fixed-purpose events: 0
[ 0.234296] ... event mask: 0000000000000003f
[ 0.234362] signal: max sigframe size: 3376
[ 0.234366] rcu: Hierarchical SRCU implementation.
[ 0.234366] rcu: Max phase no-delay instances is 400.
[ 0.234366] Timer migration: 2 hierarchy levels; 8 children per group; 2 crossnode level
[ 0.237311] MCE: In-kernel MCE decoding enabled.
[ 0.237344] NMI watchdog: Enabled. Permanently consumes one hw-PMU counter.
[ 0.237432] smp: Bringing up secondary CPUs ...
[ 0.237513] smpboot: x86: Booting SMP configuration:
[ 0.237514] .... node #0, CPUs: #1 #2 #3 #4 #5
[ 0.001214] call_irq_handler: 1.55 No irq handler for vector
[ 0.001214] call_irq_handler: 2.55 No irq handler for vector
[ 0.001214] call_irq_handler: 3.55 No irq handler for vector
[ 0.001214] call_irq_handler: 4.55 No irq handler for vector
[ 0.001214] call_irq_handler: 5.55 No irq handler for vector
[ 0.244400] #6 #7 #8 #9 #10 #11
[ 0.001214] call_irq_handler: 6.55 No irq handler for vector
[ 0.246474] Spectre V2 : Update user space SMT mitigation: STIBP always-on
[ 0.001214] call_irq_handler: 7.55 No irq handler for vector
[ 0.001214] call_irq_handler: 8.55 No irq handler for vector
[ 0.001214] call_irq_handler: 9.55 No irq handler for vector
[ 0.001214] call_irq_handler: 10.55 No irq handler for vector
[ 0.251401] smp: Brought up 1 node, 12 CPUs
[ 0.251401] smpboot: Total of 12 processors activated (88791.55 BogoMIPS)
[ 0.252481] Memory: 32676892K/33458012K available (20480K kernel code, 2670K
rwdata, 14004K rodata, 4380K init, 3792K bss, 760636K reserved, 0K cma-reserved)
[ 0.252485] le9 Unofficial (le9uo) working set protection 1.8 by Masahito Suzuki (forked
from hakavlad's original le9 patch)
[ 0.253493] devtmpfs: initialized
[ 0.253493] x86/mm: Memory block size: 128MB
[ 0.256052] ACPI: PM: Registering ACPI NVS region [mem 0x0a200000-0x0a20dfff]
(57344 bytes)
[ 0.256052] ACPI: PM: Registering ACPI NVS region [mem 0xca347000-0xca9fefff]
(7045120 bytes)
[ 0.256052] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1911260446275000 ns
[ 0.256052] futex hash table entries: 4096 (order: 6, 262144 bytes, linear)
[ 0.256052] pinctrl core: initialized pinctrl subsystem
```

[0.256399] PM: RTC time: 21:33:47, date: 2025-04-26
[0.256766] NET: Registered PF_NETLINK/PF_ROUTE protocol family
[0.257015] DMA: preallocated 4096 KiB GFP_KERNEL pool for atomic allocations
[0.257143] DMA: preallocated 4096 KiB GFP_KERNEL|GFP_DMA pool for atomic allocations
[0.257267] DMA: preallocated 4096 KiB GFP_KERNEL|GFP_DMA32 pool for atomic allocations
[0.257275] audit: initializing netlink subsys (disabled)
[0.257283] audit: type=2000 audit(1745703226.155:1): state=initialized audit_enabled=0 res=1
[0.257388] thermal_sys: Registered thermal governor 'fair_share'
[0.257389] thermal_sys: Registered thermal governor 'bang_bang'
[0.257390] thermal_sys: Registered thermal governor 'step_wise'
[0.257391] thermal_sys: Registered thermal governor 'user_space'
[0.257392] thermal_sys: Registered thermal governor 'power_allocator'
[0.257400] cpuidle: using governor ladder
[0.257404] cpuidle: using governor menu
[0.257429] Detected 1 PCC Subspaces
[0.257430] Registering PCC driver as Mailbox controller
[0.257451] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5
[0.257498] PCI: ECAM [mem 0xf0000000-0xf7ffff] (base 0xf0000000) for domain 0000 [bus 00-7f]
[0.257505] PCI: Using configuration type 1 for base access
[0.257637] kprobes: kprobe jump-optimization is enabled. All kprobes are optimized if possible.
[0.258465] HugeTLB: registered 1.00 GiB page size, pre-allocated 0 pages
[0.258465] HugeTLB: 16380 KiB vmemmap can be freed for a 1.00 GiB page
[0.258465] HugeTLB: registered 2.00 MiB page size, pre-allocated 0 pages
[0.258465] HugeTLB: 28 KiB vmemmap can be freed for a 2.00 MiB page
[0.258496] fbcon: Taking over console
[0.258496] ACPI: Added _OSI(Module Device)
[0.258496] ACPI: Added _OSI(Processor Device)
[0.258496] ACPI: Added _OSI(3.0 _SCP Extensions)
[0.258496] ACPI: Added _OSI(Processor Aggregator Device)
[0.268982] ACPI: 10 ACPI AML tables successfully acquired and loaded
[0.270662] ACPI: [Firmware Bug]: BIOS _OSI(Linux) query ignored
[0.271756] ACPI: Interpreter enabled
[0.271756] ACPI: PM: (supports S0 S3 S4 S5)
[0.271756] ACPI: Using IOAPIC for interrupt routing
[0.272674] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[0.272675] PCI: Using E820 reservations for host bridge windows
[0.272962] ACPI: Enabled 2 GPEs in block 00 to 1F
[0.286038] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])

[0.286043] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI EDR HPX-Type3]

[0.286179] acpi PNP0A08:00: _OSC: platform does not support [PCIeHotplug SHPCHotplug PME LTR DPC]

[0.286429] acpi PNP0A08:00: _OSC: OS now controls [AER PCIeCapability]

[0.286439] acpi PNP0A08:00: [Firmware Info]: ECAM [mem 0xf0000000-0xf7ffffff] for domain 0000 [bus 00-7f] only partially covers this bridge

[0.286981] PCI host bridge to bus 0000:00

[0.286984] pci_bus 0000:00: root bus resource [io 0x0000-0x03af window]

[0.286986] pci_bus 0000:00: root bus resource [io 0x03e0-0x0cf7 window]

[0.286988] pci_bus 0000:00: root bus resource [io 0x03b0-0x03df window]

[0.286989] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff window]

[0.286990] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000dffff window]

[0.286992] pci_bus 0000:00: root bus resource [mem 0xd0000000-0xfec02fff window]

[0.286993] pci_bus 0000:00: root bus resource [mem 0xfe000000-0xffffffff window]

[0.286995] pci_bus 0000:00: root bus resource [bus 00-ff]

[0.287009] pci 0000:00:00.0: [1022:1480] type 00 class 0x060000 conventional PCI endpoint

[0.287112] pci 0000:00:00.2: [1022:1481] type 00 class 0x080600 conventional PCI endpoint

[0.287212] pci 0000:00:01.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint

[0.287274] pci 0000:00:01.1: [1022:1483] type 01 class 0x060400 PCIe Root Port

[0.287291] pci 0000:00:01.1: PCI bridge to [bus 01]

[0.287297] pci 0000:00:01.1: bridge window [mem 0xfc000000-0xfcffffff]

[0.287310] pci 0000:00:01.1: enabling Extended Tags

[0.287361] pci 0000:00:01.1: PME# supported from D0 D3hot D3cold

[0.287510] pci 0000:00:01.2: [1022:1483] type 01 class 0x060400 PCIe Root Port

[0.287527] pci 0000:00:01.2: PCI bridge to [bus 02-09]

[0.287532] pci 0000:00:01.2: bridge window [io 0xf000-0xffff]

[0.287534] pci 0000:00:01.2: bridge window [mem 0xfc200000-0xfc8ffffff]

[0.287547] pci 0000:00:01.2: enabling Extended Tags

[0.287598] pci 0000:00:01.2: PME# supported from D0 D3hot D3cold

[0.287773] pci 0000:00:02.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint

[0.287838] pci 0000:00:03.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint

[0.287898] pci 0000:00:03.1: [1022:1483] type 01 class 0x060400 PCIe Root Port

[0.287915] pci 0000:00:03.1: PCI bridge to [bus 0a-0c]

[0.287919] pci 0000:00:03.1: bridge window [io 0xe000-0xefff]

[0.287922] pci 0000:00:03.1: bridge window [mem 0xfcc00000-0xfceffffff]

[0.287929] pci 0000:00:03.1: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]

[0.287984] pci 0000:00:03.1: PME# supported from D0 D3hot D3cold

[0.288122] pci 0000:00:04.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288185] pci 0000:00:05.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288248] pci 0000:00:07.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288307] pci 0000:00:07.1: [1022:1484] type 01 class 0x060400 PCIe Root Port
[0.288324] pci 0000:00:07.1: PCI bridge to [bus 0d]
[0.288339] pci 0000:00:07.1: enabling Extended Tags
[0.288384] pci 0000:00:07.1: PME# supported from D0 D3hot D3cold
[0.288506] pci 0000:00:08.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288567] pci 0000:00:08.1: [1022:1484] type 01 class 0x060400 PCIe Root Port
[0.288585] pci 0000:00:08.1: PCI bridge to [bus 0e]
[0.288591] pci 0000:00:08.1: bridge window [mem 0xfc900000-0xfcbfffff]
[0.288603] pci 0000:00:08.1: enabling Extended Tags
[0.288650] pci 0000:00:08.1: PME# supported from D0 D3hot D3cold
[0.288802] pci 0000:00:14.0: [1022:790b] type 00 class 0x0c0500 conventional PCI endpoint
[0.288921] pci 0000:00:14.3: [1022:790e] type 00 class 0x060100 conventional PCI endpoint
[0.289060] pci 0000:00:18.0: [1022:1440] type 00 class 0x060000 conventional PCI endpoint
[0.289092] pci 0000:00:18.1: [1022:1441] type 00 class 0x060000 conventional PCI endpoint
[0.289125] pci 0000:00:18.2: [1022:1442] type 00 class 0x060000 conventional PCI endpoint
[0.289157] pci 0000:00:18.3: [1022:1443] type 00 class 0x060000 conventional PCI endpoint
[0.289189] pci 0000:00:18.4: [1022:1444] type 00 class 0x060000 conventional PCI endpoint
[0.289223] pci 0000:00:18.5: [1022:1445] type 00 class 0x060000 conventional PCI endpoint
[0.289255] pci 0000:00:18.6: [1022:1446] type 00 class 0x060000 conventional PCI endpoint
[0.289287] pci 0000:00:18.7: [1022:1447] type 00 class 0x060000 conventional PCI endpoint
[0.289380] pci 0000:01:00.0: [126f:2263] type 00 class 0x010802 PCIe Endpoint
[0.289403] pci 0000:01:00.0: BAR 0 [mem 0xfc000000-0xfc03fff 64bit]
[0.289659] pci 0000:00:01.1: PCI bridge to [bus 01]
[0.289720] pci 0000:02:00.0: [1022:57ad] type 01 class 0x060400 PCIe Switch Upstream Port
[0.289758] pci 0000:02:00.0: PCI bridge to [bus 03-09]
[0.289766] pci 0000:02:00.0: bridge window [io 0xf000-0xffff]

[0.289770] pci 0000:02:00.0: bridge window [mem 0xfc200000-0xfc8fffff]
[0.289795] pci 0000:02:00.0: enabling Extended Tags
[0.289884] pci 0000:02:00.0: PME# supported from D0 D3hot D3cold
[0.289990] pci 0000:02:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s
PCIe x4 link at 0000:00:01.2 (capable of 126.024 Gb/s with 16.0 GT/s PCIe x8 link)
[0.290155] pci 0000:00:01.2: PCI bridge to [bus 02-09]
[0.290414] pci 0000:03:01.0: [1022:57a3] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.290452] pci 0000:03:01.0: PCI bridge to [bus 04]
[0.290462] pci 0000:03:01.0: bridge window [mem 0xfc800000-0xfc8fffff]
[0.290503] pci 0000:03:01.0: enabling Extended Tags
[0.290759] pci 0000:03:01.0: PME# supported from D0 D3hot D3cold
[0.291318] pci 0000:03:04.0: [1022:57a3] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.291356] pci 0000:03:04.0: PCI bridge to [bus 05]
[0.291372] pci 0000:03:04.0: bridge window [mem 0xfc700000-0xfc7fffff]
[0.291413] pci 0000:03:04.0: enabling Extended Tags
[0.291668] pci 0000:03:04.0: PME# supported from D0 D3hot D3cold
[0.292202] pci 0000:03:05.0: [1022:57a3] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.292239] pci 0000:03:05.0: PCI bridge to [bus 06]
[0.292247] pci 0000:03:05.0: bridge window [io 0xf000-0xffff]
[0.292251] pci 0000:03:05.0: bridge window [mem 0xfc600000-0xfc6fffff]
[0.292292] pci 0000:03:05.0: enabling Extended Tags
[0.292550] pci 0000:03:05.0: PME# supported from D0 D3hot D3cold
[0.293087] pci 0000:03:08.0: [1022:57a4] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.293126] pci 0000:03:08.0: PCI bridge to [bus 07]
[0.293137] pci 0000:03:08.0: bridge window [mem 0xfc200000-0xfc3fffff]
[0.293176] pci 0000:03:08.0: enabling Extended Tags
[0.293359] pci 0000:03:08.0: PME# supported from D0 D3hot D3cold
[0.293656] pci 0000:03:09.0: [1022:57a4] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.293695] pci 0000:03:09.0: PCI bridge to [bus 08]
[0.293705] pci 0000:03:09.0: bridge window [mem 0xfc500000-0xfc5fffff]
[0.293744] pci 0000:03:09.0: enabling Extended Tags
[0.293915] pci 0000:03:09.0: PME# supported from D0 D3hot D3cold
[0.294159] pci 0000:03:0a.0: [1022:57a4] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.294198] pci 0000:03:0a.0: PCI bridge to [bus 09]
[0.294208] pci 0000:03:0a.0: bridge window [mem 0xfc400000-0xfc4fffff]
[0.294248] pci 0000:03:0a.0: enabling Extended Tags
[0.294415] pci 0000:03:0a.0: PME# supported from D0 D3hot D3cold
[0.294671] pci 0000:02:00.0: PCI bridge to [bus 03-09]

[0.294788] pci 0000:04:00.0: [1344:5416] type 00 class 0x010802 PCIe Endpoint
[0.294816] pci 0000:04:00.0: BAR 0 [mem 0xfc800000-0xfc803fff 64bit]
[0.294881] pci 0000:04:00.0: enabling Extended Tags
[0.295353] pci 0000:03:01.0: PCI bridge to [bus 04]
[0.295493] pci 0000:05:00.0: [8086:2526] type 00 class 0x028000 PCIe Endpoint
[0.295526] pci 0000:05:00.0: BAR 0 [mem 0xfc700000-0xfc703fff 64bit]
[0.295704] pci 0000:05:00.0: PME# supported from D0 D3hot D3cold
[0.295986] pci 0000:03:04.0: PCI bridge to [bus 05]
[0.296113] pci 0000:06:00.0: [10ec:8168] type 00 class 0x020000 PCIe Endpoint
[0.296141] pci 0000:06:00.0: BAR 0 [io 0xf000-0xf0ff]
[0.296177] pci 0000:06:00.0: BAR 2 [mem 0xfc604000-0xfc604fff 64bit]
[0.296200] pci 0000:06:00.0: BAR 4 [mem 0xfc600000-0xfc603fff 64bit]
[0.296356] pci 0000:06:00.0: supports D1 D2
[0.296357] pci 0000:06:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[0.296678] pci 0000:03:05.0: PCI bridge to [bus 06]
[0.296814] pci 0000:07:00.0: [1022:1485] type 00 class 0x130000 PCIe Endpoint
[0.296882] pci 0000:07:00.0: enabling Extended Tags
[0.297066] pci 0000:07:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s
PCIe x4 link at 0000:00:01.2 (capable of 252.048 Gb/s with 16.0 GT/s PCIe x16 link)
[0.297331] pci 0000:07:00.1: [1022:149c] type 00 class 0x0c0330 PCIe Endpoint
[0.297633] pci 0000:07:00.1: BAR 0 [mem 0xfc300000-0xfc3fffff 64bit]
[0.298400] pci 0000:07:00.1: enabling Extended Tags
[0.298916] pci 0000:07:00.1: PME# supported from D0 D3hot D3cold
[0.299430] pci 0000:07:00.3: [1022:149c] type 00 class 0x0c0330 PCIe Endpoint
[0.299457] pci 0000:07:00.3: BAR 0 [mem 0xfc200000-0xfc2fffff 64bit]
[0.299517] pci 0000:07:00.3: enabling Extended Tags
[0.299595] pci 0000:07:00.3: PME# supported from D0 D3hot D3cold
[0.299771] pci 0000:03:08.0: PCI bridge to [bus 07]
[0.299882] pci 0000:08:00.0: [1022:7901] type 00 class 0x010601 PCIe Endpoint
[0.299953] pci 0000:08:00.0: BAR 5 [mem 0xfc500000-0xfc5007ff]
[0.299973] pci 0000:08:00.0: enabling Extended Tags
[0.300080] pci 0000:08:00.0: PME# supported from D3hot D3cold
[0.300174] pci 0000:08:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s
PCIe x4 link at 0000:00:01.2 (capable of 252.048 Gb/s with 16.0 GT/s PCIe x16 link)
[0.300288] pci 0000:03:09.0: PCI bridge to [bus 08]
[0.300400] pci 0000:09:00.0: [1022:7901] type 00 class 0x010601 PCIe Endpoint
[0.300471] pci 0000:09:00.0: BAR 5 [mem 0xfc400000-0xfc4007ff]
[0.300491] pci 0000:09:00.0: enabling Extended Tags
[0.300598] pci 0000:09:00.0: PME# supported from D3hot D3cold
[0.300691] pci 0000:09:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s
PCIe x4 link at 0000:00:01.2 (capable of 252.048 Gb/s with 16.0 GT/s PCIe x16 link)
[0.300804] pci 0000:03:0a.0: PCI bridge to [bus 09]
[0.300933] pci 0000:0a:00.0: [1002:1478] type 01 class 0x060400 PCIe Switch Upstream
Port

[0.300948] pci 0000:0a:00.0: BAR 0 [mem 0xfce00000-0xfce03fff]
[0.300966] pci 0000:0a:00.0: PCI bridge to [bus 0b-0c]
[0.300972] pci 0000:0a:00.0: bridge window [io 0xe000-0xefff]
[0.300975] pci 0000:0a:00.0: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.300986] pci 0000:0a:00.0: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.301079] pci 0000:0a:00.0: PME# supported from D0 D3hot D3cold
[0.301282] pci 0000:00:03.1: PCI bridge to [bus 0a-0c]
[0.301350] pci 0000:0b:00.0: [1002:1479] type 01 class 0x060400 PCIe Switch

Downstream Port

[0.301383] pci 0000:0b:00.0: PCI bridge to [bus 0c]
[0.301389] pci 0000:0b:00.0: bridge window [io 0xe000-0xefff]
[0.301393] pci 0000:0b:00.0: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.301403] pci 0000:0b:00.0: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.301501] pci 0000:0b:00.0: PME# supported from D0 D3hot D3cold
[0.302291] pci 0000:0a:00.0: PCI bridge to [bus 0b-0c]
[0.302377] pci 0000:0c:00.0: [1002:7480] type 00 class 0x030000 PCIe Legacy Endpoint
[0.302397] pci 0000:0c:00.0: BAR 0 [mem 0xd0000000-0xdffffff 64bit pref]
[0.302410] pci 0000:0c:00.0: BAR 2 [mem 0xe0000000-0xe01fffff 64bit pref]
[0.302419] pci 0000:0c:00.0: BAR 4 [io 0xe000-0xe0ff]
[0.302428] pci 0000:0c:00.0: BAR 5 [mem 0xfcc00000-0xfccfffff]
[0.302436] pci 0000:0c:00.0: ROM [mem 0xfcd00000-0xfcd1ffff pref]
[0.302479] pci 0000:0c:00.0: Video device with shadowed ROM at [mem

0x000c0000-0x000dffff]

[0.302551] pci 0000:0c:00.0: PME# supported from D1 D2 D3hot D3cold
[0.302771] pci 0000:0c:00.1: [1002:ab30] type 00 class 0x040300 PCIe Legacy Endpoint
[0.302786] pci 0000:0c:00.1: BAR 0 [mem 0xfcd20000-0xfcd23fff]
[0.302900] pci 0000:0c:00.1: PME# supported from D1 D2 D3hot D3cold
[0.303058] pci 0000:0b:00.0: PCI bridge to [bus 0c]
[0.303129] pci 0000:0d:00.0: [1022:148a] type 00 class 0x130000 PCIe Endpoint
[0.303158] pci 0000:0d:00.0: enabling Extended Tags
[0.303325] pci 0000:00:07.1: PCI bridge to [bus 0d]
[0.303390] pci 0000:0e:00.0: [1022:1485] type 00 class 0x130000 PCIe Endpoint
[0.303425] pci 0000:0e:00.0: enabling Extended Tags
[0.303594] pci 0000:0e:00.1: [1022:1486] type 00 class 0x108000 PCIe Endpoint
[0.303610] pci 0000:0e:00.1: BAR 2 [mem 0xfca00000-0xfcafffff]
[0.303623] pci 0000:0e:00.1: BAR 5 [mem 0xfcb08000-0xfcb09fff]
[0.303632] pci 0000:0e:00.1: enabling Extended Tags
[0.303770] pci 0000:0e:00.3: [1022:149c] type 00 class 0x0c0330 PCIe Endpoint
[0.303784] pci 0000:0e:00.3: BAR 0 [mem 0xfc900000-0xfc9fffff 64bit]
[0.303815] pci 0000:0e:00.3: enabling Extended Tags
[0.303865] pci 0000:0e:00.3: PME# supported from D0 D3hot D3cold
[0.303988] pci 0000:0e:00.4: [1022:1487] type 00 class 0x040300 PCIe Endpoint
[0.303998] pci 0000:0e:00.4: BAR 0 [mem 0xfcb00000-0xfcb07fff]
[0.304025] pci 0000:0e:00.4: enabling Extended Tags

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[ 0.304071] pci 0000:0e:00.4: PME# supported from D0 D3hot D3cold
[ 0.304198] pci 0000:00:08.1: PCI bridge to [bus 0e]
[ 0.304729] ACPI: PCI: Interrupt link LNKA configured for IRQ 0
[ 0.304791] ACPI: PCI: Interrupt link LNKB configured for IRQ 0
[ 0.304845] ACPI: PCI: Interrupt link LNKC configured for IRQ 0
[ 0.304910] ACPI: PCI: Interrupt link LNKD configured for IRQ 0
[ 0.304970] ACPI: PCI: Interrupt link LNKE configured for IRQ 0
[ 0.305020] ACPI: PCI: Interrupt link LNKF configured for IRQ 0
[ 0.305069] ACPI: PCI: Interrupt link LNKG configured for IRQ 0
[ 0.305120] ACPI: PCI: Interrupt link LNKH configured for IRQ 0
[ 0.306378] iommu: Default domain type: Translated
[ 0.306378] iommu: DMA domain TLB invalidation policy: lazy mode
[ 0.306499] SCSI subsystem initialized
[ 0.306505] libata version 3.00 loaded.
[ 0.306505] ACPI: bus type USB registered
[ 0.306505] usbcore: registered new interface driver usbfs
[ 0.306505] usbcore: registered new interface driver hub
[ 0.306505] usbcore: registered new device driver usb
[ 0.306505] EDAC MC: Ver: 3.0.0
[ 0.306570] efivars: Registered efivars operations
[ 0.306570] NetLabel: Initializing
[ 0.306570] NetLabel: domain hash size = 128
[ 0.306570] NetLabel: protocols = UNLABELED CIPSOv4 CALIPSO
[ 0.306570] NetLabel: unlabeled traffic allowed by default
[ 0.306570] mctp: management component transport protocol core
[ 0.306570] NET: Registered PF_MCTP protocol family
[ 0.306570] PCI: Using ACPI for IRQ routing
[ 0.310190] PCI: pci_cache_line_size set to 64 bytes
[ 0.310307] e820: reserve RAM buffer [mem 0x09cff000-0x0bffffff]
[ 0.310309] e820: reserve RAM buffer [mem 0x0a200000-0x0bffffff]
[ 0.310310] e820: reserve RAM buffer [mem 0xbc22f018-0xbffffff]
[ 0.310311] e820: reserve RAM buffer [mem 0xbc24b018-0xbffffff]
[ 0.310312] e820: reserve RAM buffer [mem 0xc4db2000-0xc7ffffff]
[ 0.310313] e820: reserve RAM buffer [mem 0xc826c000-0xcbffffff]
[ 0.310315] e820: reserve RAM buffer [mem 0xc9dc6000-0xcbffffff]
[ 0.310316] e820: reserve RAM buffer [mem 0xcd000000-0xcfffffff]
[ 0.310317] e820: reserve RAM buffer [mem 0x82f380000-0x82fffffff]
[ 0.310389] pci 0000:0c:00.0: vgaarb: setting as boot VGA device
[ 0.310389] pci 0000:0c:00.0: vgaarb: bridge control possible
[ 0.310389] pci 0000:0c:00.0: vgaarb: VGA device added:
decodes=io+mem,owns=io+mem,locks=none
[ 0.310389] vgaarb: loaded
[ 0.310413] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
[ 0.310417] hpet0: 3 comparators, 32-bit 14.318180 MHz counter
```

[0.312427] clocksource: Switched to clocksource tsc-early
[0.313144] VFS: Disk quotas dquot_6.6.0
[0.313151] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)
[0.313251] AppArmor: AppArmor Filesystem Enabled
[0.313278] pnp: PnP ACPI init
[0.313360] system 00:00: [mem 0xf0000000-0xf7ffffff] has been reserved
[0.313489] system 00:01: [mem 0xfd200000-0xfd2fffff] has been reserved
[0.313683] system 00:03: [io 0x0290-0x029f] has been reserved
[0.313685] system 00:03: [io 0x0200-0x021f] has been reserved
[0.313961] pnp 00:04: [dma 0 disabled]
[0.314287] system 00:05: [io 0x04d0-0x04d1] has been reserved
[0.314289] system 00:05: [io 0x040b] has been reserved
[0.314291] system 00:05: [io 0x04d6] has been reserved
[0.314292] system 00:05: [io 0x0c00-0x0c01] has been reserved
[0.314294] system 00:05: [io 0x0c14] has been reserved
[0.314295] system 00:05: [io 0x0c50-0x0c51] has been reserved
[0.314296] system 00:05: [io 0x0c52] has been reserved
[0.314298] system 00:05: [io 0x0c6c] has been reserved
[0.314299] system 00:05: [io 0x0c6f] has been reserved
[0.314301] system 00:05: [io 0x0cd8-0x0cdf] has been reserved
[0.314302] system 00:05: [io 0x0800-0x089f] has been reserved
[0.314303] system 00:05: [io 0x0b00-0x0b0f] has been reserved
[0.314305] system 00:05: [io 0x0b20-0x0b3f] has been reserved
[0.314306] system 00:05: [io 0x0900-0x090f] has been reserved
[0.314308] system 00:05: [io 0x0910-0x091f] has been reserved
[0.314309] system 00:05: [mem 0xfec00000-0xfec00fff] could not be reserved
[0.314311] system 00:05: [mem 0xfec01000-0xfec01fff] could not be reserved
[0.314313] system 00:05: [mem 0xfedc0000-0xfedc0fff] has been reserved
[0.314315] system 00:05: [mem 0xfef00000-0xfef00fff] has been reserved
[0.314317] system 00:05: [mem 0xfed80000-0xfed8ffff] could not be reserved
[0.314318] system 00:05: [mem 0xfec10000-0xfec10fff] has been reserved
[0.314320] system 00:05: [mem 0xff000000-0xffffffff] has been reserved
[0.314903] pnp: PnP ACPI: found 6 devices
[0.320516] clocksource: acpi_pm: mask: 0xfffff max_cycles: 0xfffff, max_idle_ns:
2085701024 ns
[0.320574] NET: Registered PF_INET protocol family
[0.320682] IP idents hash table entries: 262144 (order: 9, 2097152 bytes, linear)
[0.330362] tcp_listen_portaddr_hash hash table entries: 16384 (order: 6, 262144 bytes,
linear)
[0.330384] Table-perturb hash table entries: 65536 (order: 6, 262144 bytes, linear)
[0.330495] TCP established hash table entries: 262144 (order: 9, 2097152 bytes, linear)
[0.330712] TCP bind hash table entries: 65536 (order: 9, 2097152 bytes, linear)
[0.330791] TCP: Hash tables configured (established 262144 bind 65536)
[0.330873] MPTCP token hash table entries: 32768 (order: 7, 786432 bytes, linear)

[0.330916] UDP hash table entries: 16384 (order: 7, 524288 bytes, linear)
[0.330967] UDP-Lite hash table entries: 16384 (order: 7, 524288 bytes, linear)
[0.331027] NET: Registered PF_UNIX/PF_LOCAL protocol family
[0.331033] NET: Registered PF_XDP protocol family
[0.331044] pci 0000:00:01.1: PCI bridge to [bus 01]
[0.331047] pci 0000:00:01.1: bridge window [mem 0xfc00000-0xfcffffff]
[0.331053] pci 0000:03:01.0: PCI bridge to [bus 04]
[0.331059] pci 0000:03:01.0: bridge window [mem 0xfc80000-0xfc8ffffff]
[0.331068] pci 0000:03:04.0: PCI bridge to [bus 05]
[0.331073] pci 0000:03:04.0: bridge window [mem 0xfc70000-0xfc7ffffff]
[0.331083] pci 0000:03:05.0: PCI bridge to [bus 06]
[0.331086] pci 0000:03:05.0: bridge window [io 0xf000-0xffff]
[0.331091] pci 0000:03:05.0: bridge window [mem 0xfc60000-0xfc6ffffff]
[0.331101] pci 0000:03:08.0: PCI bridge to [bus 07]
[0.331106] pci 0000:03:08.0: bridge window [mem 0xfc20000-0xfc3ffffff]
[0.331116] pci 0000:03:09.0: PCI bridge to [bus 08]
[0.331121] pci 0000:03:09.0: bridge window [mem 0xfc50000-0xfc5ffffff]
[0.331130] pci 0000:03:0a.0: PCI bridge to [bus 09]
[0.331136] pci 0000:03:0a.0: bridge window [mem 0xfc40000-0xfc4ffffff]
[0.331145] pci 0000:02:00.0: PCI bridge to [bus 03-09]
[0.331148] pci 0000:02:00.0: bridge window [io 0xf000-0xffff]
[0.331153] pci 0000:02:00.0: bridge window [mem 0xfc20000-0xfc8ffffff]
[0.331163] pci 0000:00:01.2: PCI bridge to [bus 02-09]
[0.331164] pci 0000:00:01.2: bridge window [io 0xf000-0xffff]
[0.331176] pci 0000:00:01.2: bridge window [mem 0xfc20000-0xfc8ffffff]
[0.331182] pci 0000:0b:00.0: PCI bridge to [bus 0c]
[0.331189] pci 0000:0b:00.0: bridge window [io 0xe000-0xefff]
[0.331201] pci 0000:0b:00.0: bridge window [mem 0xfcc0000-0xfcdffffff]
[0.331205] pci 0000:0b:00.0: bridge window [mem 0xd000000-0xe01ffff 64bit pref]
[0.331210] pci 0000:0a:00.0: PCI bridge to [bus 0b-0c]
[0.331213] pci 0000:0a:00.0: bridge window [io 0xe000-0xefff]
[0.331217] pci 0000:0a:00.0: bridge window [mem 0xfcc0000-0xfcdffffff]
[0.331221] pci 0000:0a:00.0: bridge window [mem 0xd000000-0xe01ffff 64bit pref]
[0.331226] pci 0000:00:03.1: PCI bridge to [bus 0a-0c]
[0.331228] pci 0000:00:03.1: bridge window [io 0xe000-0xefff]
[0.331231] pci 0000:00:03.1: bridge window [mem 0xfcc0000-0xfceffffff]
[0.331234] pci 0000:00:03.1: bridge window [mem 0xd000000-0xe01ffff 64bit pref]
[0.331237] pci 0000:00:07.1: PCI bridge to [bus 0d]
[0.331244] pci 0000:00:08.1: PCI bridge to [bus 0e]
[0.331247] pci 0000:00:08.1: bridge window [mem 0xfc90000-0xfcbffffff]
[0.331252] pci_bus 0000:00: resource 4 [io 0x0000-0x03af window]
[0.331254] pci_bus 0000:00: resource 5 [io 0x03e0-0x0cf7 window]
[0.331255] pci_bus 0000:00: resource 6 [io 0x03b0-0x03df window]
[0.331257] pci_bus 0000:00: resource 7 [io 0x0d00-0xffff window]

[0.331258] pci_bus 0000:00: resource 8 [mem 0x000a0000-0x000dffff window]
[0.331259] pci_bus 0000:00: resource 9 [mem 0xd0000000-0xfec02fff window]
[0.331261] pci_bus 0000:00: resource 10 [mem 0xfe000000-0xffffffff window]
[0.331262] pci_bus 0000:01: resource 1 [mem 0xfc000000-0xfcffffff]
[0.331264] pci_bus 0000:02: resource 0 [io 0xf000-0xffff]
[0.331265] pci_bus 0000:02: resource 1 [mem 0xfc200000-0xfc8ffffff]
[0.331266] pci_bus 0000:03: resource 0 [io 0xf000-0xffff]
[0.331268] pci_bus 0000:03: resource 1 [mem 0xfc200000-0xfc8ffffff]
[0.331269] pci_bus 0000:04: resource 1 [mem 0xfc800000-0xfc8ffffff]
[0.331270] pci_bus 0000:05: resource 1 [mem 0xfc700000-0xfc7ffffff]
[0.331272] pci_bus 0000:06: resource 0 [io 0xf000-0xffff]
[0.331273] pci_bus 0000:06: resource 1 [mem 0xfc600000-0xfc6ffffff]
[0.331274] pci_bus 0000:07: resource 1 [mem 0xfc200000-0xfc3ffffff]
[0.331276] pci_bus 0000:08: resource 1 [mem 0xfc500000-0xfc5ffffff]
[0.331277] pci_bus 0000:09: resource 1 [mem 0xfc400000-0xfc4ffffff]
[0.331279] pci_bus 0000:0a: resource 0 [io 0xe000-0xefff]
[0.331280] pci_bus 0000:0a: resource 1 [mem 0xfcc00000-0xfceffffff]
[0.331281] pci_bus 0000:0a: resource 2 [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331283] pci_bus 0000:0b: resource 0 [io 0xe000-0xefff]
[0.331284] pci_bus 0000:0b: resource 1 [mem 0xfcc00000-0xfcdffffff]
[0.331285] pci_bus 0000:0b: resource 2 [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331287] pci_bus 0000:0c: resource 0 [io 0xe000-0xefff]
[0.331288] pci_bus 0000:0c: resource 1 [mem 0xfcc00000-0xfcdffffff]
[0.331289] pci_bus 0000:0c: resource 2 [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331291] pci_bus 0000:0e: resource 1 [mem 0xfc900000-0xfcbffffff]
[0.331746] pci 0000:0c:00.1: D0 power state depends on 0000:0c:00.0
[0.331914] PCI: CLS 64 bytes, default 64
[0.331931] pci 0000:00:00.2: AMD-Vi: IOMMU performance counters supported
[0.331961] Trying to unpack rootfs image as initramfs...
[0.331978] pci 0000:00:01.0: Adding to iommu group 0
[0.331994] pci 0000:00:01.1: Adding to iommu group 1
[0.332010] pci 0000:00:01.2: Adding to iommu group 2
[0.332029] pci 0000:00:02.0: Adding to iommu group 3
[0.332053] pci 0000:00:03.0: Adding to iommu group 4
[0.332068] pci 0000:00:03.1: Adding to iommu group 5
[0.332088] pci 0000:00:04.0: Adding to iommu group 6
[0.332108] pci 0000:00:05.0: Adding to iommu group 7
[0.332131] pci 0000:00:07.0: Adding to iommu group 8
[0.332146] pci 0000:00:07.1: Adding to iommu group 9
[0.332172] pci 0000:00:08.0: Adding to iommu group 10
[0.332188] pci 0000:00:08.1: Adding to iommu group 11
[0.332216] pci 0000:00:14.0: Adding to iommu group 12
[0.332229] pci 0000:00:14.3: Adding to iommu group 12
[0.332302] pci 0000:00:18.0: Adding to iommu group 13

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[ 0.332316] pci 0000:00:18.1: Adding to iommu group 13
[ 0.332331] pci 0000:00:18.2: Adding to iommu group 13
[ 0.332345] pci 0000:00:18.3: Adding to iommu group 13
[ 0.332358] pci 0000:00:18.4: Adding to iommu group 13
[ 0.332372] pci 0000:00:18.5: Adding to iommu group 13
[ 0.332386] pci 0000:00:18.6: Adding to iommu group 13
[ 0.332400] pci 0000:00:18.7: Adding to iommu group 13
[ 0.332415] pci 0000:01:00.0: Adding to iommu group 14
[ 0.332431] pci 0000:02:00.0: Adding to iommu group 15
[ 0.332490] pci 0000:03:01.0: Adding to iommu group 16
[ 0.332550] pci 0000:03:04.0: Adding to iommu group 17
[ 0.332609] pci 0000:03:05.0: Adding to iommu group 18
[ 0.332645] pci 0000:03:08.0: Adding to iommu group 19
[ 0.332681] pci 0000:03:09.0: Adding to iommu group 20
[ 0.332716] pci 0000:03:0a.0: Adding to iommu group 21
[ 0.332776] pci 0000:04:00.0: Adding to iommu group 22
[ 0.332834] pci 0000:05:00.0: Adding to iommu group 23
[ 0.332893] pci 0000:06:00.0: Adding to iommu group 24
[ 0.332903] pci 0000:07:00.0: Adding to iommu group 19
[ 0.332913] pci 0000:07:00.1: Adding to iommu group 19
[ 0.332924] pci 0000:07:00.3: Adding to iommu group 19
[ 0.332933] pci 0000:08:00.0: Adding to iommu group 20
[ 0.332943] pci 0000:09:00.0: Adding to iommu group 21
[ 0.332958] pci 0000:0a:00.0: Adding to iommu group 25
[ 0.332985] pci 0000:0b:00.0: Adding to iommu group 26
[ 0.333024] pci 0000:0c:00.0: Adding to iommu group 27
[ 0.333056] pci 0000:0c:00.1: Adding to iommu group 28
[ 0.333071] pci 0000:0d:00.0: Adding to iommu group 29
[ 0.333090] pci 0000:0e:00.0: Adding to iommu group 30
[ 0.333109] pci 0000:0e:00.1: Adding to iommu group 31
[ 0.333128] pci 0000:0e:00.3: Adding to iommu group 32
[ 0.333146] pci 0000:0e:00.4: Adding to iommu group 33
[ 0.335010] AMD-Vi: Extended features (0x58f77ef22294ade, 0x0): PPR X2APIC NX GT
IA GA PC GA_vAPIC
[ 0.335017] AMD-Vi: Interrupt remapping enabled
[ 0.335018] AMD-Vi: X2APIC enabled
[ 0.335134] AMD-Vi: Virtual APIC enabled
[ 0.335141] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)
[ 0.335143] software IO TLB: mapped [mem 0x00000000b822f000-0x00000000bc22f000]
(64MB)
[ 0.335189] LVT offset 0 assigned for vector 0x400
[ 0.336507] perf: AMD IBS detected (0x000003ff)
[ 0.336512] perf/amd_iommu: Detected AMD IOMMU #0 (2 banks, 4 counters/bank).
[ 0.354726] Initialise system trusted keyrings
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[ 0.354733] Key type blacklist registered
[ 0.354759] workingset: timestamp_bits=36 max_order=23 bucket_order=0
[ 0.354844] fuse: init (API version 7.41)
[ 0.354937] integrity: Platform Keyring initialized
[ 0.354940] integrity: Machine keyring initialized
[ 0.361015] Key type asymmetric registered
[ 0.361017] Asymmetric key parser 'x509' registered
[ 0.361029] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 246)
[ 0.361064] io scheduler mq-deadline registered
[ 0.361065] io scheduler kyber registered
[ 0.361072] io scheduler bfq registered
[ 0.362055] ledtrig-cpu: registered to indicate activity on CPUs
[ 0.362163] pcieport 0000:00:01.1: AER: enabled with IRQ 29
[ 0.362298] pcieport 0000:00:01.2: AER: enabled with IRQ 30
[ 0.362431] pcieport 0000:00:03.1: AER: enabled with IRQ 31
[ 0.362621] pcieport 0000:00:07.1: AER: enabled with IRQ 33
[ 0.362740] pcieport 0000:00:08.1: AER: enabled with IRQ 34
[ 0.364473] shpchp: Standard Hot Plug PCI Controller Driver version: 0.4
[ 0.364578] input: Power Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0C:00/input/input0
[ 0.364595] ACPI: button: Power Button [PWRB]
[ 0.364619] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input1
[ 0.365590] ACPI: button: Power Button [PWRF]
[ 0.365949] Monitor-Mwait will be used to enter C-1 state
[ 0.369591] Estimated ratio of average max frequency by base frequency (times 1024):
1155
[ 0.369830] Serial: 8250/16550 driver, 32 ports, IRQ sharing enabled
[ 0.370003] 00:04: ttyS0 at I/O 0x3f8 (irq = 4, base_baud = 115200) is a 16550A
[ 0.372238] Non-volatile memory driver v1.3
[ 0.372240] Linux agpgart interface v0.103
[ 0.372878] ahci 0000:08:00.0: version 3.0
[ 0.373175] ahci 0000:08:00.0: AHCI vers 0001.0301, 32 command slots, 6 Gbps, SATA
mode
[ 0.373177] ahci 0000:08:00.0: 1/1 ports implemented (port mask 0x4)
[ 0.373179] ahci 0000:08:00.0: flags: 64bit ncq snnf ilck pm led clo only pmp fbs pio slum
part
[ 0.373390] scsi host0: ahci
[ 0.373491] scsi host1: ahci
[ 0.373568] scsi host2: ahci
[ 0.373597] ata1: DUMMY
[ 0.373598] ata2: DUMMY
[ 0.373601] ata3: SATA max UDMA/133 abar m2048@0xfc500000 port 0xfc500200 irq 47
lpm-pol 3
```

[0.373740] ahci 0000:09:00.0: AHCI vers 0001.0301, 32 command slots, 6 Gbps, SATA mode

[0.373743] ahci 0000:09:00.0: 1/1 ports implemented (port mask 0x1)

[0.373744] ahci 0000:09:00.0: flags: 64bit ncq snth ilck pm led clo only pmp fbs pio slum part

[0.373863] scsi host3: ahci

[0.373892] ata4: SATA max UDMA/133 abar m2048@0xfc400000 port 0xfc400100 irq 61 lpm-pol 3

[0.373916] ACPI: bus type drm_connector registered

[0.374353] xhci_hcd 0000:07:00.1: xHCI Host Controller

[0.374357] xhci_hcd 0000:07:00.1: new USB bus registered, assigned bus number 1

[0.374496] xhci_hcd 0000:07:00.1: hcc params 0x0278ffe5 hci version 0x110 quirks 0x0000000000000010

[0.374988] xhci_hcd 0000:07:00.1: xHCI Host Controller

[0.374991] xhci_hcd 0000:07:00.1: new USB bus registered, assigned bus number 2

[0.374993] xhci_hcd 0000:07:00.1: Host supports USB 3.1 Enhanced SuperSpeed

[0.375028] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002, bcdDevice= 6.12

[0.375031] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[0.375032] usb usb1: Product: xHCI Host Controller

[0.375033] usb usb1: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd

[0.375035] usb usb1: SerialNumber: 0000:07:00.1

[0.375118] hub 1-0:1.0: USB hub found

[0.375132] hub 1-0:1.0: 6 ports detected

[0.376207] usb usb2: We don't know the algorithms for LPM for this host, disabling LPM.

[0.376226] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003, bcdDevice= 6.12

[0.376228] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[0.376230] usb usb2: Product: xHCI Host Controller

[0.376231] usb usb2: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd

[0.376232] usb usb2: SerialNumber: 0000:07:00.1

[0.376297] hub 2-0:1.0: USB hub found

[0.376306] hub 2-0:1.0: 4 ports detected

[0.377106] xhci_hcd 0000:07:00.3: xHCI Host Controller

[0.377110] xhci_hcd 0000:07:00.3: new USB bus registered, assigned bus number 3

[0.377263] xhci_hcd 0000:07:00.3: hcc params 0x0278ffe5 hci version 0x110 quirks 0x0000000000000010

[0.377582] xhci_hcd 0000:07:00.3: xHCI Host Controller

[0.377586] xhci_hcd 0000:07:00.3: new USB bus registered, assigned bus number 4

[0.377589] xhci_hcd 0000:07:00.3: Host supports USB 3.1 Enhanced SuperSpeed

[0.377623] usb usb3: New USB device found, idVendor=1d6b, idProduct=0002, bcdDevice= 6.12

[0.377625] usb usb3: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[0.377626] usb usb3: Product: xHCI Host Controller

```
[ 0.377628] usb usb3: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.377629] usb usb3: SerialNumber: 0000:07:00.3
[ 0.377707] hub 3-0:1.0: USB hub found
[ 0.377720] hub 3-0:1.0: 6 ports detected
[ 0.378793] usb usb4: We don't know the algorithms for LPM for this host, disabling LPM.
[ 0.378812] usb usb4: New USB device found, idVendor=1d6b, idProduct=0003,
bcdDevice= 6.12
[ 0.378814] usb usb4: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.378815] usb usb4: Product: xHCI Host Controller
[ 0.378816] usb usb4: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.378817] usb usb4: SerialNumber: 0000:07:00.3
[ 0.378880] hub 4-0:1.0: USB hub found
[ 0.378892] hub 4-0:1.0: 4 ports detected
[ 0.379680] xhci_hcd 0000:0e:00.3: xHCI Host Controller
[ 0.379684] xhci_hcd 0000:0e:00.3: new USB bus registered, assigned bus number 5
[ 0.379792] xhci_hcd 0000:0e:00.3: hcc params 0x0278ffe5 hci version 0x110 quirks
0x00000000000000010
[ 0.380034] xhci_hcd 0000:0e:00.3: xHCI Host Controller
[ 0.380037] xhci_hcd 0000:0e:00.3: new USB bus registered, assigned bus number 6
[ 0.380039] xhci_hcd 0000:0e:00.3: Host supports USB 3.1 Enhanced SuperSpeed
[ 0.380067] usb usb5: New USB device found, idVendor=1d6b, idProduct=0002,
bcdDevice= 6.12
[ 0.380069] usb usb5: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.380071] usb usb5: Product: xHCI Host Controller
[ 0.380072] usb usb5: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.380073] usb usb5: SerialNumber: 0000:0e:00.3
[ 0.380145] hub 5-0:1.0: USB hub found
[ 0.380152] hub 5-0:1.0: 4 ports detected
[ 0.380302] usb usb6: We don't know the algorithms for LPM for this host, disabling LPM.
[ 0.380321] usb usb6: New USB device found, idVendor=1d6b, idProduct=0003,
bcdDevice= 6.12
[ 0.380323] usb usb6: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.380324] usb usb6: Product: xHCI Host Controller
[ 0.380325] usb usb6: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.380326] usb usb6: SerialNumber: 0000:0e:00.3
[ 0.380388] hub 6-0:1.0: USB hub found
[ 0.380396] hub 6-0:1.0: 4 ports detected
[ 0.380556] usbcore: registered new interface driver usbserial_generic
[ 0.380561] usbserial: USB Serial support registered for generic
[ 0.380611] rtc_cmos 00:02: RTC can wake from S4
[ 0.380822] rtc_cmos 00:02: registered as rtc0
[ 0.380849] rtc_cmos 00:02: setting system clock to 2025-04-26T21:33:47 UTC
(1745703227)
[ 0.380874] rtc_cmos 00:02: alarms up to one month, y3k, 114 bytes nvram, hpet irq5
```

[0.477937] efifb: probing for efifb
[0.477955] efifb: Ignoring BGRT: unexpected or invalid BMP data
[0.477956] efifb: framebuffer at 0xd0000000, using 3072k, total 3072k
[0.477958] efifb: mode is 1024x768x32, linelength=4096, pages=1
[0.477960] efifb: scrolling: redraw
[0.477960] efifb: Truecolor: size=8:8:8:8, shift=24:16:8:0
[0.478042] Console: switching to colour frame buffer device 128x48
[0.478356] fb0: EFI VGA frame buffer device
[0.478385] hid: raw HID events driver (C) Jiri Kosina
[0.478389] loaded hid-xpadneo 0.9.6
[0.478514] drop_monitor: Initializing network drop monitor service
[0.478609] NET: Registered PF_INET6 protocol family
[0.590549] Freeing initrd memory: 61232K
[0.594935] Segment Routing with IPv6
[0.594938] RPL Segment Routing with IPv6
[0.594953] In-situ OAM (IOAM) with IPv6
[0.594984] NET: Registered PF_PACKET protocol family
[0.595734] microcode: Current revision: 0x0a20102d
[0.595736] microcode: Updated early from: 0x0a201009
[0.595920] resctrl: L3 allocation detected
[0.595921] resctrl: MB allocation detected
[0.595922] resctrl: L3 monitoring detected
[0.595939] IPI shorthand broadcast: enabled
[0.597753] sched_clock: Marking stable (597454877, 214992)->(704220986,
-106551117)
[0.597889] registered taskstats version 1
[0.598191] Loading compiled-in X.509 certificates
[0.599765] Loaded X.509 cert 'Build time autogenerated kernel key:
5f38d19c6f025638cf2dff0d9d59c48685624786'
[0.601450] Demotion targets for Node 0: null
[0.601553] Key type .fscrypt registered
[0.601554] Key type fscrypt-provisioning registered
[0.601599] AppArmor: AppArmor sha256 policy hashing enabled
[0.601663] integrity: Loading X.509 certificate: EFI:db
[0.604159] integrity: Loaded X.509 cert 'ASUSTeK MotherBoard SW Key Certificate:
da83b990422ebc8c441f8d8b039a65a2'
[0.604160] integrity: Loading X.509 certificate: EFI:db
[0.604273] integrity: Loaded X.509 cert 'ASUSTeK Notebook SW Key Certificate:
b8e581e4df77a5bb4282d5ccfc00c071'
[0.604275] integrity: Loading X.509 certificate: EFI:db
[0.604290] integrity: Loaded X.509 cert 'Microsoft Corporation UEFI CA 2011:
13adbf4309bd82709c8cd54f316ed522988a1bd4'
[0.604292] integrity: Loading X.509 certificate: EFI:db

[0.604304] integrity: Loaded X.509 cert 'Microsoft Windows Production PCA 2011: a92902398e16c49778cd90f99e4f9ae17c55af53'

[0.604306] integrity: Loading X.509 certificate: UEFI:db

[0.604419] integrity: Loaded X.509 cert 'Canonical Ltd. Master Certificate Authority: ad91990bc22ab1f517048c23b6655a268e345a63'

[0.605239] PM: Magic number: 5:201:602

[0.607742] RAS: Correctable Errors collector initialized.

[0.613385] usb 3-5: new full-speed USB device number 2 using xhci_hcd

[0.613397] usb 1-1: new full-speed USB device number 2 using xhci_hcd

[0.617020] clk: Disabling unused clocks

[0.617021] PM: genpd: Disabling unused power domains

[0.621383] usb 5-2: new high-speed USB device number 2 using xhci_hcd

[0.682867] ata4: SATA link down (SStatus 0 SControl 300)

[0.759663] usb 3-5: New USB device found, idVendor=8087, idProduct=0025, bcdDevice= 0.02

[0.759666] usb 3-5: New USB device strings: Mfr=0, Product=0, SerialNumber=0

[0.765065] usb 1-1: New USB device found, idVendor=046d, idProduct=c08b, bcdDevice=27.03

[0.765068] usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[0.765070] usb 1-1: Product: G502 HERO Gaming Mouse

[0.765072] usb 1-1: Manufacturer: Logitech

[0.765073] usb 1-1: SerialNumber: 0C80324D3031

[0.807598] usb 5-2: New USB device found, idVendor=0c45, idProduct=636b, bcdDevice= 1.00

[0.807602] usb 5-2: New USB device strings: Mfr=2, Product=1, SerialNumber=3

[0.807604] usb 5-2: Product: USB Camera

[0.807605] usb 5-2: Manufacturer: Sonix Technology Co., Ltd.

[0.807607] usb 5-2: SerialNumber: SN0001

[0.837408] ata3: SATA link up 6.0 Gbps (SStatus 133 SControl 300)

[0.840425] ata3.00: Model 'Samsung SSD 870 QVO 1TB', rev 'SVQ01B6Q', applying quirks: noncqtrim zeroaftertrim noncqonati

[0.840473] ata3.00: supports DRM functions and may not be fully accessible

[0.840475] ata3.00: ATA-11: Samsung SSD 870 QVO 1TB, SVQ01B6Q, max UDMA/133

[0.840864] ata3.00: 1953525168 sectors, multi 1: LBA48 NCQ (depth 32), AA

[0.845144] ata3.00: Features: Trust Dev-Sleep NCQ-sndrcv

[0.845430] ata3.00: supports DRM functions and may not be fully accessible

[0.850126] ata3.00: configured for UDMA/133

[0.860507] scsi 2:0:0:0: Direct-Access ATA Samsung SSD 870 1B6Q PQ: 0

ANSI: 5

[0.860729] ata3.00: Enabling discard_zeroes_data

[0.860739] sd 2:0:0:0: [sda] 1953525168 512-byte logical blocks: (1.00 TB/932 GiB)

[0.860747] sd 2:0:0:0: [sda] Write Protect is off

[0.860749] sd 2:0:0:0: [sda] Mode Sense: 00 3a 00 00

```
[ 0.860760] sd 2:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support
DPO or FUA
[ 0.860789] sd 2:0:0:0: [sda] Preferred minimum I/O size 512 bytes
[ 0.861030] ata3.00: Enabling discard_zeroes_data
[ 0.869973] sda: sda1
[ 0.870868] sd 2:0:0:0: [sda] supports TCG Opal
[ 0.870871] sd 2:0:0:0: [sda] Attached SCSI disk
[ 0.871691] Freeing unused decrypted memory: 2028K
[ 0.872001] Freeing unused kernel image (initmem) memory: 4380K
[ 0.872016] Write protecting the kernel read-only data: 34816k
[ 0.872214] Freeing unused kernel image (rodata/data gap) memory: 332K
[ 0.878394] usb 3-6: new full-speed USB device number 3 using xhci_hcd
[ 0.887394] usb 1-3: new full-speed USB device number 3 using xhci_hcd
[ 0.909593] x86/mm: Checked W+X mappings: passed, no W+X pages found.
[ 0.909596] rodata_test: all tests were successful
[ 0.909600] Run /init as init process
[ 0.909601] with arguments:
[ 0.909602] /init
[ 0.909603] splash
[ 0.909604] with environment:
[ 0.909604] HOME=/
[ 0.909605] TERM=linux
[ 0.909606] BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64
[ 0.917082] systemd[1]: systemd 255.16-1.fc40 running in system mode (+PAM +AUDIT
+SELINUX -APPARMOR +IMA +SMACK +SECCOMP -GCRYPT +GNUTLS +OPENSSL +ACL
+BLKID +CURL +ELFUTILS +FIDO2 +IDN2 -IDN -IPTC +KMOD +LIBCRYPTSETUP
+LIBFDISK +PCRE2 +PWQUALITY +P11KIT +QRENCODE +TPM2 +BZIP2 +LZ4 +XZ +ZLIB
+ZSTD +BPF_FRAMEWORK +XKBCOMMON +UTMP +SYSVINIT default-hierarchy=unified)
[ 0.917086] systemd[1]: Detected architecture x86-64.
[ 0.917089] systemd[1]: Running in initrd.
[ 0.917225] systemd[1]: Hostname set to <MAD>.
[ 0.960891] systemd[1]: Queued start job for default target initrd.target.
[ 0.971353] systemd[1]: Expecting device
dev-disk-by\x2duuid-42981282\x2da114\x2d417e\x2db3ba\x2d32b0295a0725.device -
/dev/disk/by-uuid/42981282-a114-417e-b3ba-32b0295a0725...
[ 0.971411] systemd[1]: Reached target initrd-usr-fs.target - Initrd /usr File System.
[ 0.971432] systemd[1]: Reached target slices.target - Slice Units.
[ 0.971446] systemd[1]: Reached target swap.target - Swaps.
[ 0.971457] systemd[1]: Reached target timers.target - Timer Units.
[ 0.971551] systemd[1]: Listening on systemd-journald-dev-log.socket - Journal Socket
(/dev/log).
[ 0.971645] systemd[1]: Listening on systemd-journald.socket - Journal Socket.
[ 0.971744] systemd[1]: Listening on systemd-udev-control.socket - udev Control Socket.
[ 0.971800] systemd[1]: Listening on systemd-udev-kernel.socket - udev Kernel Socket.
```

```
[ 0.971810] systemd[1]: Reached target sockets.target - Socket Units.
[ 0.972413] systemd[1]: Starting kmod-static-nodes.service - Create List of Static Device
Nodes...
[ 0.972436] systemd[1]: memstrack.service - Memstrack Anylazing Service was skipped
because no trigger condition checks were met.
[ 0.973353] systemd[1]: Starting systemd-journald.service - Journal Service...
[ 0.973906] systemd[1]: Starting systemd-modules-load.service - Load Kernel Modules...
[ 0.973929] systemd[1]: systemd-pcrphase-initrd.service - TPM2 PCR Barrier (initrd) was
skipped because of an unmet condition check (ConditionSecurity=measured-uki).
[ 0.974448] systemd[1]: Starting systemd-vconsole-setup.service - Virtual Console
Setup...
[ 0.975055] systemd[1]: Finished kmod-static-nodes.service - Create List of Static Device
Nodes.
[ 0.975519] systemd[1]: Starting systemd-tmpfiles-setup-dev-early.service - Create Static
Device Nodes in /dev gracefully...
[ 0.979381] i2c_dev: i2c /dev entries driver
[ 0.981249] systemd-journald[209]: Collecting audit messages is disabled.
[ 0.987192] systemd[1]: Finished systemd-tmpfiles-setup-dev-early.service - Create Static
Device Nodes in /dev gracefully.
[ 0.987650] systemd[1]: Starting systemd-sysusers.service - Create System Users...
[ 0.988994] mc: Linux media interface: v0.10
[ 0.994533] systemd[1]: Finished systemd-sysusers.service - Create System Users.
[ 0.994978] systemd[1]: Starting systemd-tmpfiles-setup-dev.service - Create Static
Device Nodes in /dev...
[ 0.996918] videodev: Linux video capture interface: v2.00
[ 0.999653] v4l2loopback: unknown parameter 'Loopback' ignored
[ 0.999745] v4l2loopback driver version 0.13.1 loaded
[ 1.000214] systemd[1]: Finished systemd-modules-load.service - Load Kernel Modules.
[ 1.000714] systemd[1]: Starting systemd-sysctl.service - Apply Kernel Variables...
[ 1.004079] systemd[1]: Finished systemd-vconsole-setup.service - Virtual Console Setup.
[ 1.004727] systemd[1]: Starting dracut-cmdline-ask.service - dracut ask for additional
cmdline parameters...
[ 1.005482] systemd[1]: Finished systemd-sysctl.service - Apply Kernel Variables.
[ 1.007546] systemd[1]: Finished systemd-tmpfiles-setup-dev.service - Create Static
Device Nodes in /dev.
[ 1.007595] systemd[1]: Reached target local-fs-pre.target - Preparation for Local File
Systems.
[ 1.007604] systemd[1]: Reached target local-fs.target - Local File Systems.
[ 1.014041] systemd[1]: Finished dracut-cmdline-ask.service - dracut ask for additional
cmdline parameters.
[ 1.014614] systemd[1]: Starting dracut-cmdline.service - dracut cmdline hook...
[ 1.017689] usb 3-6: config 1 has an invalid interface number: 2 but max is 1
[ 1.017692] usb 3-6: config 1 has no interface number 1
```

```
[ 1.029999] usb 3-6: New USB device found, idVendor=0b05, idProduct=18f3,
bcdDevice= 1.00
[ 1.030003] usb 3-6: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 1.030005] usb 3-6: Product: AURA LED Controller
[ 1.030007] usb 3-6: Manufacturer: AsusTek Computer Inc.
[ 1.030009] usb 3-6: SerialNumber: 9876543210
[ 1.036092] usb 1-3: New USB device found, idVendor=046d, idProduct=c52b,
bcdDevice=24.11
[ 1.036095] usb 1-3: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 1.036097] usb 1-3: Product: USB Receiver
[ 1.036098] usb 1-3: Manufacturer: Logitech
[ 1.042113] systemd[1]: Finished dracut-cmdline.service - dracut cmdline hook.
[ 1.052078] systemd[1]: Starting dracut-pre-udev.service - dracut pre-udev hook...
[ 1.062677] raid6: skipped pq benchmark and selected avx2x4
[ 1.062679] raid6: using avx2x2 recovery algorithm
[ 1.064764] xor: automatically using best checksumming function  avx
[ 1.132446] Btrfs loaded, zoned=yes, fsverity=yes
[ 1.137275] systemd[1]: Finished dracut-pre-udev.service - dracut pre-udev hook.
[ 1.150365] systemd[1]: Starting systemd-udevd.service - Rule-based Manager for Device
Events and Files...
[ 1.163192] systemd[1]: Started systemd-udevd.service - Rule-based Manager for Device
Events and Files.
[ 1.163274] systemd[1]: dracut-pre-trigger.service - dracut pre-trigger hook was skipped
because no trigger condition checks were met.
[ 1.163740] systemd[1]: Starting systemd-udev-trigger.service - Coldplug All udev
Devices...
[ 1.178651] input: Logitech G502 HERO Gaming Mouse as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-1/1-1:1.0/00
03:046D:C08B.0001/input/input2
[ 1.178713] hid-generic 0003:046D:C08B.0001: input,hidraw0: USB HID v1.11 Mouse
[Logitech G502 HERO Gaming Mouse] on usb-0000:07:00.1-1/input0
[ 1.180224] usb 1-4: new full-speed USB device number 4 using xhci_hcd
[ 1.184437] input: Logitech G502 HERO Gaming Mouse Keyboard as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-1/1-1:1.1/00
03:046D:C08B.0002/input/input3
[ 1.235489] hid-generic 0003:046D:C08B.0002: input,hiddev96,hidraw1: USB HID v1.11
Keyboard [Logitech G502 HERO Gaming Mouse] on usb-0000:07:00.1-1/input1
[ 1.241952] hid-generic 0003:0B05:18F3.0003: hiddev97,hidraw2: USB HID v1.11 Device
[AsusTek Computer Inc. AURA LED Controller] on usb-0000:07:00.3-6/input2
[ 1.246367] input: Logitech USB Receiver as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.0/00
03:046D:C52B.0004/input/input6
[ 1.261207] systemd[1]: Created slice system-modprobe.slice - Slice /system/modprobe.
```

[1.272312] systemd[1]: Starting modprobe@configfs.service - Load Kernel Module configfs...

[1.272535] systemd[1]: Finished systemd-udev-trigger.service - Coldplug All udev Devices.

[1.274632] systemd[1]: modprobe@configfs.service: Deactivated successfully.

[1.274723] systemd[1]: Finished modprobe@configfs.service - Load Kernel Module configfs.

[1.277080] systemd[1]: Mounting sys-kernel-config.mount - Kernel Configuration File System...

[1.277110] systemd[1]: dracut-initqueue.service - dracut initqueue hook was skipped because no trigger condition checks were met.

[1.277128] systemd[1]: Reached target remote-fs-pre.target - Preparation for Remote File Systems.

[1.277142] systemd[1]: Reached target remote-fs.target - Remote File Systems.

[1.277176] systemd[1]: dracut-pre-mount.service - dracut pre-mount hook was skipped because no trigger condition checks were met.

[1.277699] systemd[1]: Starting plymouth-start.service - Show Plymouth Boot Screen...

[1.280657] systemd[1]: Mounted sys-kernel-config.mount - Kernel Configuration File System.

[1.281147] systemd[1]: Received SIGRTMIN+20 from PID 358 (plymouthd).

[1.289498] sp5100_tco: SP5100/SB800 TCO WatchDog Timer Driver

[1.289572] sp5100-tco sp5100-tco: Using 0xfef00000 for watchdog MMIO address

[1.291365] sp5100-tco sp5100-tco: initialized. heartbeat=60 sec (nowayout=0)

[1.294162] ccp 0000:0e:00.1: enabling device (0000 -> 0002)

[1.294779] systemd[1]: Started plymouth-start.service - Show Plymouth Boot Screen.

[1.294868] systemd[1]: systemd-ask-password-console.path - Dispatch Password Requests to Console Directory Watch was skipped because of an unmet condition check (ConditionPathExists=!/run/plymouth/pid).

[1.294940] systemd[1]: Started systemd-ask-password-plymouth.path - Forward Password Requests to Plymouth Directory Watch.

[1.294980] systemd[1]: Reached target paths.target - Path Units.

[1.295447] cryptd: max_cpu_qlen set to 1000

[1.297067] ccp 0000:0e:00.1: ccp: unable to access the device: you might be running a broken BIOS.

[1.297140] ccp 0000:0e:00.1: psp enabled

[1.306782] nvme nvme0: pci function 0000:01:00.0

[1.306784] nvme nvme1: pci function 0000:04:00.0

[1.308398] AES CTR mode by8 optimization enabled

[1.310437] systemd[1]: systemd-vconsole-setup.service: Deactivated successfully.

[1.310479] systemd[1]: Stopped systemd-vconsole-setup.service - Virtual Console Setup.

[1.310520] systemd[1]: Stopping systemd-vconsole-setup.service - Virtual Console Setup...

[1.310688] nvme nvme0: missing or invalid SUBNQN field.

```
[ 1.319130] usb 1-4: New USB device found, idVendor=05ac, idProduct=024f, bcdDevice=
2.00
[ 1.319136] usb 1-4: New USB device strings: Mfr=0, Product=1, SerialNumber=0
[ 1.319138] usb 1-4: Product: USB Dongle
[ 1.319775] nvme nvme0: allocated 64 MiB host memory buffer.
[ 1.323370] systemd[1]: Starting systemd-vconsole-setup.service - Virtual Console
Setup...
[ 1.334426] nvme nvme0: 8/0/0 default/read/poll queues
[ 1.338656] nvme nvme0: Ignoring bogus Namespace Identifiers
[ 1.340675] nvme0n1: p1
[ 1.347954] nvme nvme1: allocated 64 MiB host memory buffer.
[ 1.349226] tsc: Refined TSC clocksource calibration: 3699.998 MHz
[ 1.349232] clocksource: tsc: mask: 0xffffffffffffff max_cycles: 0x6aaaa638e3b,
max_idle_ns: 881590585313 ns
[ 1.349258] clocksource: Switched to clocksource tsc
[ 1.352741] systemd[1]: Finished systemd-vconsole-setup.service - Virtual Console Setup.
[ 1.358285] hid-generic 0003:046D:C52B.0004: input,hidraw3: USB HID v1.11 Keyboard
[Logitech USB Receiver] on usb-0000:07:00.1-3/input0
[ 1.364355] input: Logitech USB Receiver Mouse as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.1/00
03:046D:C52B.0007/input/input7
[ 1.364415] input: Logitech USB Receiver Consumer Control as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.1/00
03:046D:C52B.0007/input/input8
[ 1.386048] nvme nvme1: 12/0/0 default/read/poll queues
[ 1.387775] nvme1n1: p1 p2 p3
[ 1.415323] input: Logitech USB Receiver System Control as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.1/00
03:046D:C52B.0007/input/input9
[ 1.415423] hid-generic 0003:046D:C52B.0007: input,hiddev98,hidraw4: USB HID v1.11
Mouse [Logitech USB Receiver] on usb-0000:07:00.1-3/input1
[ 1.420413] hid-generic 0003:046D:C52B.0009: hiddev99,hidraw5: USB HID v1.11 Device
[Logitech USB Receiver] on usb-0000:07:00.1-3/input2
[ 1.420446] usbcore: registered new interface driver usbhid
[ 1.420448] usbhid: USB HID core driver
[ 1.482226] usb 1-5: new high-speed USB device number 5 using xhci_hcd
[ 1.607751] usb 1-5: New USB device found, idVendor=1b1c, idProduct=0c1c,
bcdDevice= 1.00
[ 1.607755] usb 1-5: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 1.607757] usb 1-5: Product: CORSAIR iCUE Commander CORE
[ 1.607759] usb 1-5: Manufacturer: Corsair
[ 1.607760] usb 1-5: SerialNumber: 92093030520a90aab1f1bbf54091005f
[ 1.613478] hid-generic 0003:1B1C:0C1C.000A: hiddev100,hidraw6: USB HID v1.00
Device [Corsair CORSAIR iCUE Commander CORE] on usb-0000:07:00.1-5/input0
```

[1.614732] hid-generic 0003:1B1C:0C1C.000B: hiddev101,hidraw7: USB HID v1.00 Device [Corsair CORSAIR iCUE Commander CORE] on usb-0000:07:00.1-5/input1

[1.629103] systemd[1]: Started systemd-journald.service - Journal Service.

[2.889791] [drm] amdgpu kernel modesetting enabled.

[2.899138] amdgpu: Virtual CRAT table created for CPU

[2.899148] amdgpu: Topology: Add CPU node

[2.899176] amdgpu: Overdrive is enabled, please disable it before reporting any bugs.

[2.899177] amdgpu: Overdrive is enabled, please disable it before reporting any bugs.

[2.899331] [drm] initializing kernel modesetting (IP DISCOVERY 0x1002:0x7480 0x1458:0x2418 0xC0).

[2.899345] [drm] register mmio base: 0xFCC00000

[2.899346] [drm] register mmio size: 1048576

[2.903927] [drm] add ip block number 0 <soc21_common>

[2.903929] [drm] add ip block number 1 <gmc_v11_0>

[2.903931] [drm] add ip block number 2 <ih_v6_0>

[2.903932] [drm] add ip block number 3 <psp>

[2.903934] [drm] add ip block number 4 <smu>

[2.903935] [drm] add ip block number 5 <dm>

[2.903936] [drm] add ip block number 6 <gfx_v11_0>

[2.903938] [drm] add ip block number 7 <sdma_v6_0>

[2.903939] [drm] add ip block number 8 <vcn_v4_0>

[2.903940] [drm] add ip block number 9 <jpeg_v4_0>

[2.903942] [drm] add ip block number 10 <mes_v11_0>

[2.915374] [drm] BIOS signature incorrect 0 0

[2.917865] amdgpu 0000:0c:00.0: amdgpu: Fetched VBIOS from platform

[2.917868] amdgpu: ATOM BIOS: 113-APM7076OC-100

[2.941351] amdgpu 0000:0c:00.0: amdgpu: CP RS64 enable

[2.969394] Console: switching to colour dummy device 80x25

[2.969423] amdgpu 0000:0c:00.0: vgaarb: deactivate vga console

[2.969425] amdgpu 0000:0c:00.0: amdgpu: Trusted Memory Zone (TMZ) feature not supported

[2.969486] [drm] vm size is 262144 GB, 4 levels, block size is 9-bit, fragment size is 9-bit

[2.969494] amdgpu 0000:0c:00.0: amdgpu: VRAM: 16368M 0x0000008000000000 - 0x00000083FEFFFFFF (16368M used)

[2.969496] amdgpu 0000:0c:00.0: amdgpu: GART: 512M 0x00007FFF00000000 - 0x00007FFF1FFFFFFF

[2.969504] [drm] Detected VRAM RAM=16368M, BAR=256M

[2.969506] [drm] RAM width 128bits GDDR6

[2.969579] [drm] amdgpu: 16368M of VRAM memory ready

[2.969581] [drm] amdgpu: 15998M of GTT memory ready.

[2.969594] [drm] GART: num cpu pages 131072, num gpu pages 131072

[2.969711] [drm] PCIE GART of 512M enabled (table at 0x0000008000300000).

[2.970670] [drm] Loading DMUB firmware via PSP: version=0x07002A00

[2.970859] [drm] Found VCN firmware Version ENC: 1.22 DEC: 9 VEP: 0 Revision: 12

[3.028454] amdgpu 0000:0c:00.0: amdgpu: reserve 0x1300000 from 0x83fc000000 for PSP TMR

[3.044570] logitech-djreceiver 0003:046D:C52B.0009: hiddev98,hidraw3: USB HID v1.11 Device [Logitech USB Receiver] on usb-0000:07:00.1-3/input2

[3.122974] amdgpu 0000:0c:00.0: amdgpu: RAS: optional ras ta ucode is not available

[3.130450] amdgpu 0000:0c:00.0: amdgpu: RAP: optional rap ta ucode is not available

[3.130452] amdgpu 0000:0c:00.0: amdgpu: SECUREDISPLAY: securedisplay ta ucode is not available

[3.130519] amdgpu 0000:0c:00.0: amdgpu: smu driver if version = 0x00000035, smu fw if version = 0x00000040, smu fw program = 0, smu fw version = 0x00525c00 (82.92.0)

[3.130522] amdgpu 0000:0c:00.0: amdgpu: SMU driver if version not matched

[3.149347] input: Logitech Wireless Device PID:4071 Keyboard as /devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.2/0003:046D:C52B.0009/0003:046D:4071.000C/input/input11

[3.160579] input: USB Dongle as /devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-4/1-4:1.0/0003:05AC:024F.0005/input/input16

[3.175952] amdgpu 0000:0c:00.0: amdgpu: SMU is initialized successfully!

[3.176396] [drm] Display Core v3.2.301 initialized on DCN 3.2.1

[3.176399] [drm] DP-HDMI FRL PCON supported

[3.178185] [drm] DMUB hardware initialized: version=0x07002A00

[3.210285] input: Logitech Wireless Device PID:4071 Mouse as /devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.2/0003:046D:C52B.0009/0003:046D:4071.000C/input/input12

[3.213825] BTRFS: device fsid 42981282-a114-417e-b3ba-32b0295a0725 devid 1 transid 151920 /dev/nvme1n1p3 (259:5) scanned by mount (438)

[3.214031] BTRFS info (device nvme1n1p3): first mount of filesystem 42981282-a114-417e-b3ba-32b0295a0725

[3.214039] BTRFS info (device nvme1n1p3): using crc32c (crc32c-intel) checksum algorithm

[3.214042] BTRFS info (device nvme1n1p3): using free-space-tree

[3.255321] apple 0003:05AC:024F.0005: input,hidraw4: USB HID v1.10 Keyboard [USB Dongle] on usb-0000:07:00.1-4/input0

[3.255351] hid-generic 0003:046D:4071.000C: input,hidraw5: USB HID v1.11 Keyboard [Logitech Wireless Device PID:4071] on usb-0000:07:00.1-3/input2:1

[3.255511] input: USB Dongle as /devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-4/1-4:1.1/0003:05AC:024F.0006/input/input17

[3.350311] apple 0003:05AC:024F.0006: input,hidraw8: USB HID v1.10 Keyboard [USB Dongle] on usb-0000:07:00.1-4/input1

[3.350375] apple 0003:05AC:024F.0008: Fn key not found (Apple Wireless Keyboard clone?), disabling Fn key handling

[3.350405] input: USB Dongle as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-4/1-4:1.2/0003:05AC:024F.0008/input/input18

[3.370316] apple 0003:05AC:024F.0008: input,hiddev99,hidraw5: USB HID v1.10 Mouse [USB Dongle] on usb-0000:07:00.1-4/input2

[3.375307] input: Logitech MX Master as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.2/0003:046D:C52B.0009/0003:046D:4071.000C/input/input19

[3.432277] logitech-hidpp-device 0003:046D:4071.000C: input,hidraw9: USB HID v1.11 Keyboard [Logitech MX Master] on usb-0000:07:00.1-3/input2:1

[3.600350] amdgpu 0000:0c:00.0: [drm] REG_WAIT timeout 1us * 150000 tries - optc32_disable_crtc line:195

[3.715659] amdgpu: HMM registered 16368MB device memory

[3.716878] kfd kfd: amdgpu: Allocated 3969056 bytes on gart

[3.716889] kfd kfd: amdgpu: Total number of KFD nodes to be created: 1

[3.716918] amdgpu: Virtual CRAT table created for GPU

[3.717013] amdgpu: Topology: Add dGPU node [0x7480:0x1002]

[3.717015] kfd kfd: amdgpu: added device 1002:7480

[3.717028] amdgpu 0000:0c:00.0: amdgpu: SE 2, SH per SE 2, CU per SH 8, active_cu_number 32

[3.717033] amdgpu 0000:0c:00.0: amdgpu: ring gfx_0.0.0 uses VM inv eng 0 on hub 0

[3.717034] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.0 uses VM inv eng 1 on hub 0

[3.717036] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.0 uses VM inv eng 4 on hub 0

[3.717037] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.0 uses VM inv eng 6 on hub 0

[3.717039] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.0 uses VM inv eng 7 on hub 0

[3.717040] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.1 uses VM inv eng 8 on hub 0

[3.717041] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.1 uses VM inv eng 9 on hub 0

[3.717043] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.1 uses VM inv eng 10 on hub 0

[3.717044] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.1 uses VM inv eng 11 on hub 0

[3.717045] amdgpu 0000:0c:00.0: amdgpu: ring sdma0 uses VM inv eng 12 on hub 0

[3.717047] amdgpu 0000:0c:00.0: amdgpu: ring sdma1 uses VM inv eng 13 on hub 0

[3.717048] amdgpu 0000:0c:00.0: amdgpu: ring vcn_unified_0 uses VM inv eng 0 on hub 8

[3.717049] amdgpu 0000:0c:00.0: amdgpu: ring jpeg_dec uses VM inv eng 1 on hub 8

[3.717051] amdgpu 0000:0c:00.0: amdgpu: ring mes_kiq_3.1.0 uses VM inv eng 14 on hub 0

[3.718299] [drm] ring gfx_32768.1.1 was added

[3.718661] [drm] ring compute_32768.2.2 was added

[3.718973] [drm] ring sdma_32768.3.3 was added

[3.719038] [drm] ring gfx_32768.1.1 ib test pass

[3.719108] [drm] ring compute_32768.2.2 ib test pass

[3.719148] [drm] ring sdma_32768.3.3 ib test pass

[3.721404] amdgpu 0000:0c:00.0: amdgpu: Using BACO for runtime pm
[3.721834] [drm] Initialized amdgpu 3.59.0 for 0000:0c:00.0 on minor 0
[3.726735] fbcon: amdgpudrmfb (fb0) is primary device
[3.726861] [drm] pre_validate_dsc:1589 MST_DSC dsc precompute is not needed
[4.163353] amdgpu 0000:0c:00.0: [drm] REG_WAIT timeout 1us * 150000 tries -
optc32_disable_crtc line:195
[4.184453] Console: switching to colour frame buffer device 160x45
[4.193124] amdgpu 0000:0c:00.0: [drm] fb0: amdgpudrmfb frame buffer device
[4.275408] systemd-journald[209]: Received SIGTERM from PID 1 (systemd).
[4.330811] systemd[1]: systemd 255.16-1.fc40 running in system mode (+PAM +AUDIT
+SELINUX -APPARMOR +IMA +SMACK +SECCOMP -GCRYPT +GNUTLS +OPENSSL +ACL
+BLKID +CURL +ELFUTILS +FIDO2 +IDN2 -IDN -IPTC +KMOD +LIBCRYPTSETUP
+LIBFDISK +PCRE2 +PWQUALITY +P11KIT +QRENCODE +TPM2 +BZIP2 +LZ4 +XZ +ZLIB
+ZSTD +BPF_FRAMEWORK +XKBCOMMON +UTMP +SYSVINIT default-hierarchy=unified)
[4.330815] systemd[1]: Detected architecture x86-64.
[4.416228] systemd[1]: bpf-lsm: LSM BPF program attached
[4.494892] zram: Added device: zram0
[4.594940] systemd[1]: initrd-switch-root.service: Deactivated successfully.
[4.595031] systemd[1]: Stopped initrd-switch-root.service - Switch Root.
[4.595599] systemd[1]: systemd-journald.service: Scheduled restart job, restart counter is
at 1.
[4.595937] systemd[1]: Created slice system-akmods\x2dkeygen.slice - Slice
/system/akmods-keygen.
[4.596202] systemd[1]: Created slice system-getty.slice - Slice /system/getty.
[4.596487] systemd[1]: Created slice system-systemd\x2dfsck.slice - Slice
/system/systemd-fsck.
[4.596755] systemd[1]: Created slice system-systemd\x2dzram\x2dsetup.slice - Slice
/system/systemd-zram-setup.
[4.596943] systemd[1]: Created slice user.slice - User and Session Slice.
[4.596971] systemd[1]: systemd-ask-password-console.path - Dispatch Password
Requests to Console Directory Watch was skipped because of an unmet condition check
(ConditionPathExists=!/run/plymouth/pid).
[4.597016] systemd[1]: Started systemd-ask-password-wall.path - Forward Password
Requests to Wall Directory Watch.
[4.597145] systemd[1]: Set up automount proc-sys-fs-binfmt_misc.automount - Arbitrary
Executable File Formats File System Automount Point.
[4.597171] systemd[1]: Expecting device
dev-disk-by\x2duuid-21a9d644\x2d9a4a\x2d4adf\x2da130\x2d08cb34e8e624.device -
/dev/disk/by-uuid/21a9d644-9a4a-4adf-a130-08cb34e8e624...
[4.597185] systemd[1]: Expecting device
dev-disk-by\x2duuid-42981282\x2da114\x2d417e\x2db3ba\x2d32b0295a0725.device -
/dev/disk/by-uuid/42981282-a114-417e-b3ba-32b0295a0725...

[4.597199] systemd[1]: Expecting device dev-disk-by\x2duuid-695c109c\x2db716\x2d4ff9\x2dbbea\x2d111622d4a568.device - /dev/disk/by-uuid/695c109c-b716-4ff9-bbea-111622d4a568...

[4.597213] systemd[1]: Expecting device dev-disk-by\x2duuid-E5A4\x2d908A.device - /dev/disk/by-uuid/E5A4-908A...

[4.597242] systemd[1]: Expecting device dev-disk-by\x2duuid-c82c7ff7\x2d2831\x2d4233\x2dac0a\x2d4063623486aa.device - /dev/disk/by-uuid/c82c7ff7-2831-4233-ac0a-4063623486aa...

[4.597282] systemd[1]: Expecting device dev-zram0.device - /dev/zram0...

[4.597314] systemd[1]: Reached target cryptsetup.target - Local Encrypted Volumes.

[4.597339] systemd[1]: Reached target getty.target - Login Prompts.

[4.597366] systemd[1]: Stopped target initrd-switch-root.target - Switch Root.

[4.597385] systemd[1]: Stopped target initrd-fs.target - Initrd File Systems.

[4.597400] systemd[1]: Stopped target initrd-root-fs.target - Initrd Root File System.

[4.597419] systemd[1]: Reached target integritysetup.target - Local Integrity Protected Volumes.

[4.597455] systemd[1]: Reached target remote-cryptsetup.target - Remote Encrypted Volumes.

[4.597474] systemd[1]: Reached target remote-fs.target - Remote File Systems.

[4.597494] systemd[1]: Reached target slices.target - Slice Units.

[4.597522] systemd[1]: Reached target veritysetup.target - Local Verity Protected Volumes.

[4.597605] systemd[1]: Listening on dm-event.socket - Device-mapper event daemon FIFOs.

[4.597864] systemd[1]: Listening on lvm2-lvmpolld.socket - LVM2 poll daemon socket.

[4.598593] systemd[1]: Listening on systemd-coredump.socket - Process Core Dump Socket.

[4.598644] systemd[1]: Listening on systemd-initctl.socket - initctl Compatibility Named Pipe.

[4.598784] systemd[1]: Listening on systemd-journald-audit.socket - Journal Audit Socket.

[4.599019] systemd[1]: Listening on systemd-oomd.socket - Userspace Out-Of-Memory (OOM) Killer Socket.

[4.599053] systemd[1]: systemd-pcrextend.socket - TPM2 PCR Extension (Varlink) was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.599459] systemd[1]: Listening on systemd-udev-control.socket - udev Control Socket.

[4.599535] systemd[1]: Listening on systemd-udev-kernel.socket - udev Kernel Socket.

[4.599819] systemd[1]: Listening on systemd-userdbd.socket - User Database Manager Socket.

[4.616284] systemd[1]: Mounting dev-hugepages.mount - Huge Pages File System...

[4.616900] systemd[1]: Mounting dev-mqueue.mount - POSIX Message Queue File System...

[4.617333] systemd[1]: Mounting sys-kernel-debug.mount - Kernel Debug File System...

[4.617843] systemd[1]: Mounting sys-kernel-tracing.mount - Kernel Trace File System...

[4.618365] systemd[1]: Starting apparmor.service - Load AppArmor profiles...

[4.618781] systemd[1]: iscsi-starter.service was skipped because of an unmet condition check (ConditionDirectoryNotEmpty=/var/lib/iscsi/nodes).

[4.619311] systemd[1]: Starting kmod-static-nodes.service - Create List of Static Device Nodes...

[4.619802] systemd[1]: Starting lvm2-monitor.service - Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling...

[4.620343] systemd[1]: Starting modprobe@configfs.service - Load Kernel Module configfs...

[4.620837] systemd[1]: Starting modprobe@dm_mod.service - Load Kernel Module dm_mod...

[4.621373] systemd[1]: Starting modprobe@drm.service - Load Kernel Module drm...

[4.622074] systemd[1]: Starting modprobe@efi_pstore.service - Load Kernel Module efi_pstore...

[4.622735] systemd[1]: Starting modprobe@fuse.service - Load Kernel Module fuse...

[4.623421] systemd[1]: Starting modprobe@loop.service - Load Kernel Module loop...

[4.623459] systemd[1]: plymouth-switch-root.service: Deactivated successfully.

[4.623501] systemd[1]: Stopped plymouth-switch-root.service - Plymouth switch root service.

[4.623617] systemd[1]: systemd-fsck-root.service: Deactivated successfully.

[4.623667] systemd[1]: Stopped systemd-fsck-root.service - File System Check on Root Device.

[4.624820] systemd[1]: Starting systemd-journald.service - Journal Service...

[4.625486] systemd[1]: Starting systemd-modules-load.service - Load Kernel Modules...

[4.626097] systemd[1]: Starting systemd-network-generator.service - Generate network units from Kernel command line...

[4.626131] systemd[1]: systemd-pcrmachine.service - TPM2 PCR Machine ID Measurement was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.626732] systemd[1]: Starting systemd-remount-fs.service - Remount Root and Kernel File Systems...

[4.626794] systemd[1]: systemd-tpm2-setup-early.service - TPM2 SRK Setup (Early) was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.627426] systemd[1]: Starting systemd-udev-trigger.service - Coldplug All udev Devices...

[4.628339] systemd[1]: Mounted dev-hugepages.mount - Huge Pages File System.

[4.628440] systemd[1]: Mounted dev-mqueue.mount - POSIX Message Queue File System.

[4.628522] systemd[1]: Mounted sys-kernel-debug.mount - Kernel Debug File System.

[4.628598] systemd[1]: Mounted sys-kernel-tracing.mount - Kernel Trace File System.

[4.628749] systemd[1]: Finished kmod-static-nodes.service - Create List of Static Device Nodes.

[4.628932] systemd[1]: modprobe@configfs.service: Deactivated successfully.

[4.629029] systemd[1]: Finished modprobe@configfs.service - Load Kernel Module configfs.

[4.629247] systemd[1]: modprobe@drm.service: Deactivated successfully.

[4.629367] systemd[1]: Finished modprobe@drm.service - Load Kernel Module drm.

[4.629596] systemd[1]: modprobe@efi_pstore.service: Deactivated successfully.

[4.629718] systemd[1]: Finished modprobe@efi_pstore.service - Load Kernel Module efi_pstore.

[4.629962] systemd[1]: modprobe@fuse.service: Deactivated successfully.

[4.630081] systemd[1]: Finished modprobe@fuse.service - Load Kernel Module fuse.

[4.630752] systemd[1]: Mounting sys-fs-fuse-connections.mount - FUSE Control File System...

[4.631395] systemd[1]: Starting systemd-tmpfiles-setup-dev-early.service - Create Static Device Nodes in /dev gracefully...

[4.631572] loop: module loaded

[4.631606] systemd[1]: Finished systemd-network-generator.service - Generate network units from Kernel command line.

[4.631618] device-mapper: uevent: version 1.0.3

[4.631667] device-mapper: ioctl: 4.48.0-ioctl (2023-03-01) initialised: dm-devel@lists.linux.dev

[4.631981] systemd[1]: modprobe@loop.service: Deactivated successfully.

[4.632078] systemd[1]: Finished modprobe@loop.service - Load Kernel Module loop.

[4.632308] systemd[1]: modprobe@dm_mod.service: Deactivated successfully.

[4.632340] BTRFS info (device nvme1n1p3 state M): use zstd compression, level 1

[4.632407] systemd[1]: Finished modprobe@dm_mod.service - Load Kernel Module dm_mod.

[4.633059] systemd[1]: Finished systemd-modules-load.service - Load Kernel Modules.

[4.633928] systemd[1]: Finished systemd-remount-fs.service - Remount Root and Kernel File Systems.

[4.634479] systemd[1]: Mounted sys-fs-fuse-connections.mount - FUSE Control File System.

[4.634597] systemd[1]: iscsi-onboot.service - Special handling of early boot iSCSI sessions was skipped because of an unmet condition check (ConditionDirectoryNotEmpty=/sys/class/iscsi_session).

[4.636511] systemd[1]: systemd-hwdb-update.service - Rebuild Hardware Database was skipped because of an unmet condition check (ConditionNeedsUpdate=/etc).

[4.636552] systemd[1]: systemd-pstore.service - Platform Persistent Storage Archival was skipped because of an unmet condition check (ConditionDirectoryNotEmpty=/sys/fs/pstore).

[4.636722] systemd-journald[558]: Collecting audit messages is enabled.

[4.637513] systemd[1]: Starting systemd-random-seed.service - Load/Save OS Random Seed...

[4.637571] systemd[1]: systemd-repart.service - Repartition Root Disk was skipped because no trigger condition checks were met.

[4.638716] systemd[1]: Starting systemd-sysctl.service - Apply Kernel Variables...

[4.638750] systemd[1]: systemd-tpm2-setup.service - TPM2 SRK Setup was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.642916] systemd[1]: Started systemd-journald.service - Journal Service.

[4.643003] audit: type=1130 audit(1745703231.760:2): pid=1 uid=0 auid=4294967295 ses=4294967295 subj=unconfined msg='unit=systemd-journald comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

[4.652525] audit: type=1400 audit(1745703231.770:3): apparmor="STATUS" operation="profile_load" profile="unconfined" name="klogd" pid=579 comm="apparmor_parser"

[4.657407] audit: type=1334 audit(1745703231.775:4): prog-id=34 op=LOAD

[4.657516] audit: type=1334 audit(1745703231.775:5): prog-id=35 op=LOAD

[4.657559] audit: type=1334 audit(1745703231.775:6): prog-id=36 op=LOAD

[4.659645] audit: type=1400 audit(1745703231.777:7): apparmor="STATUS" operation="profile_load" profile="unconfined" name="lsb_release" pid=571 comm="apparmor_parser"

[4.663659] audit: type=1400 audit(1745703231.781:8): apparmor="STATUS" operation="profile_load" profile="unconfined" name="ping" pid=570 comm="apparmor_parser"

[4.666399] audit: type=1400 audit(1745703231.784:9): apparmor="STATUS" operation="profile_load" profile="unconfined" name="samba-rpcd" pid=576 comm="apparmor_parser"

[4.668318] audit: type=1400 audit(1745703231.786:10): apparmor="STATUS" operation="profile_load" profile="unconfined" name="samba-rpcd-spoolss" pid=578 comm="apparmor_parser"

[4.687460] systemd-journald[558]: Received client request to flush runtime journal.

[4.713973] systemd-journald[558]:
/var/log/journal/2ef2ecc016114874a9f4288eb1293ff7/system.journal: Journal file uses a different sequence number ID, rotating.

[4.713980] systemd-journald[558]: Rotating system journal.

[4.978279] zram0: detected capacity change from 0 to 16777216

[5.047664] input: PC Speaker as /devices/platform/pcspkr/input/input20

[5.073110] Adding 8388604k swap on /dev/zram0. Priority:100 extents:1 across:8388604k SSDsc

[5.073553] usbcore: registered new device driver apple-mfi-fastcharge

[5.076250] piix4_smbus 0000:00:14.0: SMBus Host Controller at 0xb00, revision 0

[5.076253] piix4_smbus 0000:00:14.0: Using register 0x02 for SMBus port selection

[5.084909] i2c i2c-6: Successfully instantiated SPD at 0x50

[5.085299] i2c i2c-6: Successfully instantiated SPD at 0x51

[5.088440] i2c i2c-6: Successfully instantiated SPD at 0x52

[5.090076] i2c i2c-6: Successfully instantiated SPD at 0x53

[5.090557] i8042: PNP: No PS/2 controller found.

[5.090918] cfg80211: Loading compiled-in X.509 certificates for regulatory database

[5.091031] Loaded X.509 cert 'sforshee: 00b28ddf47aef9cea7'

[5.091137] Loaded X.509 cert 'wens: 61c038651aabdcf94bd0ac7ff06c7248db18c600'

[5.092785] piix4_smbus 0000:00:14.0: Auxiliary SMBus Host Controller at 0xb20

[5.096614] RAPL PMU: API unit is 2^-32 Joules, 2 fixed counters, 163840 ms ovfl timer

[5.096617] RAPL PMU: hw unit of domain package 2^-16 Joules
[5.096619] RAPL PMU: hw unit of domain core 2^-16 Joules
[5.108709] mousedev: PS/2 mouse device common for all mice
[5.117577] r8169 0000:06:00.0 eth0: RTL8168h/8111h, f0:2f:74:db:11:96, XID 541, IRQ
107
[5.117582] r8169 0000:06:00.0 eth0: jumbo features [frames: 9194 bytes, tx
checksumming: ko]
[5.120897] Bluetooth: Core ver 2.22
[5.120921] NET: Registered PF_BLUETOOTH protocol family
[5.120923] Bluetooth: HCI device and connection manager initialized
[5.120926] Bluetooth: HCI socket layer initialized
[5.120928] Bluetooth: L2CAP socket layer initialized
[5.120932] Bluetooth: SCO socket layer initialized
[5.130074] Intel(R) Wireless WiFi driver for Linux
[5.130126] asus_wmi: ASUS WMI generic driver loaded
[5.141640] iwlwifi 0000:05:00.0: enabling device (0000 -> 0002)
[5.143692] iwlwifi 0000:05:00.0: Detected crf-id 0x2816, cnv-id 0x1000200 wfpm id
0x80000000
[5.143701] iwlwifi 0000:05:00.0: PCI dev 2526/0014, rev=0x321, rfid=0x105110
[5.143705] iwlwifi 0000:05:00.0: Detected Intel(R) Wireless-AC 9260 160MHz
[5.172490] iwlwifi 0000:05:00.0: WRT: Overriding region id 0
[5.172495] iwlwifi 0000:05:00.0: WRT: Overriding region id 1
[5.172497] iwlwifi 0000:05:00.0: WRT: Overriding region id 2
[5.172500] iwlwifi 0000:05:00.0: WRT: Overriding region id 3
[5.172502] iwlwifi 0000:05:00.0: WRT: Overriding region id 4
[5.172504] iwlwifi 0000:05:00.0: WRT: Overriding region id 6
[5.172506] iwlwifi 0000:05:00.0: WRT: Overriding region id 8
[5.172508] iwlwifi 0000:05:00.0: WRT: Overriding region id 9
[5.172510] iwlwifi 0000:05:00.0: WRT: Overriding region id 10
[5.172512] iwlwifi 0000:05:00.0: WRT: Overriding region id 11
[5.172514] iwlwifi 0000:05:00.0: WRT: Overriding region id 15
[5.172516] iwlwifi 0000:05:00.0: WRT: Overriding region id 16
[5.172518] iwlwifi 0000:05:00.0: WRT: Overriding region id 18
[5.172520] iwlwifi 0000:05:00.0: WRT: Overriding region id 19
[5.172522] iwlwifi 0000:05:00.0: WRT: Overriding region id 20
[5.172524] iwlwifi 0000:05:00.0: WRT: Overriding region id 21
[5.172526] iwlwifi 0000:05:00.0: WRT: Overriding region id 28
[5.172782] iwlwifi 0000:05:00.0: loaded firmware version 46.7e3e4b69.0
9260-th-b0-jf-b0-46.ucode op_mode iwlmvm
[5.183061] asus_wmi: failed to register LPS0 sleep handler in asus-wmi
[5.183967] asus_wmi: Initialization: 0x0
[5.184023] asus_wmi: BIOS WMI version: 0.9
[5.184341] asus_wmi: SFUN value: 0x0
[5.184344] eeepc-wmi eeepc-wmi: Detected ASUSWMI, use DCTS

[5.184646] pps_core: LinuxPPS API ver. 1 registered
[5.184648] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti
<giometti@linux.it>
[5.187531] EXT4-fs (nvme1n1p2): mounted filesystem
21a9d644-9a4a-4adf-a130-08cb34e8e624 r/w with ordered data mode. Quota mode: none.
[5.188637] input: Eee PC WMI hotkeys as /devices/platform/eeepc-wmi/input/input21
[5.195175] PTP clock support registered
[5.195222] EXT4-fs (nvme0n1p1): mounted filesystem
c82c7ff7-2831-4233-ac0a-4063623486aa r/w with ordered data mode. Quota mode: none.
[5.197395] r8169 0000:06:00.0 enp6s0: renamed from eth0
[5.199085] kvm_amd: TSC scaling supported
[5.199087] kvm_amd: Nested Virtualization enabled
[5.199088] kvm_amd: Nested Paging enabled
[5.199090] kvm_amd: LBR virtualization supported
[5.199094] kvm_amd: Virtual VMLOAD VMSAVE supported
[5.199095] kvm_amd: Virtual GIF supported
[5.202454] ee1004 6-0050: 512 byte EE1004-compliant SPD EEPROM, read-only
[5.203848] ee1004 6-0051: 512 byte EE1004-compliant SPD EEPROM, read-only
[5.205010] ee1004 6-0052: 512 byte EE1004-compliant SPD EEPROM, read-only
[5.206573] ee1004 6-0053: 512 byte EE1004-compliant SPD EEPROM, read-only
[5.212239] usb 5-2: Found UVC 1.00 device USB Camera (0c45:636b)
[5.218205] EXT4-fs (sda1): mounted filesystem 695c109c-b716-4ff9-bbea-111622d4a568
r/w with ordered data mode. Quota mode: none.
[5.236536] input: USB Camera: USB Camera as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.3/usb5/5-2/5-2:1.0/input/input22
[5.236597] usbcore: registered new interface driver uvcvideo
[5.257589] kauditd_printk_skb: 174 callbacks suppressed
[5.257592] audit: type=1400 audit(1745703232.374:89): apparmor="STATUS"
operation="profile_replace" info="same as current profile, skipping" profile="unconfined"
name="samba-dcerpcd" pid=1038 comm="apparmor_parser"
[5.257605] audit: type=1300 audit(1745703232.374:89): arch=c000003e syscall=1
success=yes exit=43227 a0=5 a1=5aee01ec4920 a2=a8db a3=0 items=0 ppid=1037 pid=1038
aid=4294967295 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=(none)
ses=4294967295 comm="apparmor_parser" exe="/usr/sbin/apparmor_parser" subj=unconfined
key=(null)
[5.257609] audit: type=1327 audit(1745703232.374:89):
proctitle=2F7362696E2F61707061726D6F725F706172736572002D492F6574632F617070617
26D6F722E64002D2D62617365002F6574632F61707061726D6F722E64002D72002F6574632
F61707061726D6F722E642F73616D62612D64636572706364
[5.266137] intel_rapl_common: Found RAPL domain package
[5.266139] intel_rapl_common: Found RAPL domain core
[5.267259] amd_atl: AMD Address Translation Library initialized
[5.267430] snd_hda_intel 0000:0c:00.1: Handle vga_switcheroo audio client
[5.267434] snd_hda_intel 0000:0c:00.1: Force to non-snoop mode

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[ 5.267639] snd_hda_intel 0000:0e:00.4: enabling device (0000 -> 0002)
[ 5.270358] usb 5-2: 3:1: cannot get freq at ep 0x84
[ 5.279577] snd_hda_intel 0000:0c:00.1: bound 0000:0c:00.0 (ops
amdgpu_dm_audio_component_bind_ops [amdgpu])
[ 5.280061] audit: type=1400 audit(1745703232.397:90): apparmor="STATUS"
operation="profile_replace" info="same as current profile, skipping" profile="unconfined"
name="samba-bgqd" pid=1046 comm="apparmor_parser"
[ 5.280072] audit: type=1300 audit(1745703232.397:90): arch=c000003e syscall=1
success=yes exit=42297 a0=5 a1=55974a428190 a2=a539 a3=0 items=0 ppid=1045 pid=1046
aid=4294967295 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=(none)
ses=4294967295 comm="apparmor_parser" exe="/usr/sbin/apparmor_parser" subj=unconfined
key=(null)
[ 5.280076] audit: type=1327 audit(1745703232.397:90):
proctitle=2F7362696E2F61707061726D6F725F706172736572002D492F6574632F617070617
26D6F722E64002D2D62617365002F6574632F61707061726D6F722E64002D72002F6574632
F61707061726D6F722E642F73616D62612D62677164
[ 5.280364] input: HDA ATI HDMI HDMI/DP,pcm=3 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
3
[ 5.280403] input: HDA ATI HDMI HDMI/DP,pcm=7 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
4
[ 5.280443] input: HDA ATI HDMI HDMI/DP,pcm=8 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
5
[ 5.280476] input: HDA ATI HDMI HDMI/DP,pcm=9 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
6
[ 5.283459] usbcore: registered new interface driver snd-usb-audio
[ 5.288602] snd_hda_codec_realtek hdaudioC2D0: ALCS1200A: SKU not ready
0x00000000
[ 5.289104] snd_hda_codec_realtek hdaudioC2D0: autoconfig for ALCS1200A:
line_outs=3 (0x14/0x15/0x16/0x0/0x0) type:line
[ 5.289107] snd_hda_codec_realtek hdaudioC2D0: speaker_outs=0
(0x0/0x0/0x0/0x0/0x0)
[ 5.289109] snd_hda_codec_realtek hdaudioC2D0: hp_outs=1 (0x1b/0x0/0x0/0x0/0x0)
[ 5.289111] snd_hda_codec_realtek hdaudioC2D0: mono: mono_out=0x0
[ 5.289112] snd_hda_codec_realtek hdaudioC2D0: dig-out=0x1e/0x0
[ 5.289113] snd_hda_codec_realtek hdaudioC2D0: inputs:
[ 5.289115] snd_hda_codec_realtek hdaudioC2D0: Rear Mic=0x18
[ 5.289116] snd_hda_codec_realtek hdaudioC2D0: Front Mic=0x19
[ 5.289118] snd_hda_codec_realtek hdaudioC2D0: Line=0x1a
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[5.302318] audit: type=1400 audit(1745703232.419:91): apparmor="STATUS" operation="profile_replace" info="same as current profile, skipping" profile="unconfined" name="samba-rpcd" pid=1050 comm="apparmor_parser"

[5.302330] audit: type=1300 audit(1745703232.419:91): arch=c000003e syscall=1 success=yes exit=41737 a0=5 a1=5ff387a94920 a2=a309 a3=0 items=0 ppid=1049 pid=1050 aid=4294967295 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=(none) ses=4294967295 comm="apparmor_parser" exe="/usr/sbin/apparmor_parser" subj=unconfined key=(null)

[5.302334] audit: type=1327 audit(1745703232.419:91): proctitle=2F7362696E2F61707061726D6F725F706172736572002D492F6574632F61707061726D6F722E64002D2D62617365002F6574632F61707061726D6F722E64002D72002F6574632F61707061726D6F722E642F73616D62612D72706364

[5.305367] audit: type=1130 audit(1745703232.423:92): pid=1 uid=0 aid=4294967295 ses=4294967295 subj=unconfined msg='unit=modprobe@dm_mod comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

[5.305856] usbcore: registered new interface driver btusb

[5.310193] input: HD-Audio Generic Rear Mic as /devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input27

[5.310298] input: HD-Audio Generic Front Mic as /devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input28

[5.310460] input: HD-Audio Generic Line as /devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input29

[5.310517] input: HD-Audio Generic Line Out Front as /devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input30

[5.310575] input: HD-Audio Generic Line Out Surround as /devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input31

[5.312257] input: HD-Audio Generic Line Out CLFE as /devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input32

[5.312352] input: HD-Audio Generic Front Headphone as /devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input33

[5.328251] iw/wifi 0000:05:00.0: base HW address: 94:e7:0b:ff:c9:95, OTP minor version: 0x4

[5.337588] Bluetooth: hci0: Found device firmware: intel/ibt-18-16-1.sfi

[5.337601] Bluetooth: hci0: Boot Address: 0x40800

[5.337602] Bluetooth: hci0: Firmware Version: 201-12.24

[5.337604] Bluetooth: hci0: Firmware already loaded

[5.342760] Bluetooth: hci0: HCI LE Coded PHY feature bit is set, but its usage is not supported.

[5.406259] ieee80211 phy0: Selected rate control algorithm 'iwl-mvm-rs'

[5.409103] iw/wifi 0000:05:00.0 wlp5s0: renamed from wlan0

[5.836031] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[5.836035] Bluetooth: BNEP filters: protocol multicast

[5.836039] Bluetooth: BNEP socket layer initialized

[5.836853] Bluetooth: MGMT ver 1.23

[5.841802] NET: Registered PF_ALG protocol family
[5.928617] block nvme1n1: No UUID available providing old NGUID
[5.969082] NET: Registered PF_QIPCRTR protocol family
[6.117948] vboxdrv: loading out-of-tree module taints kernel.
[6.117951] vboxdrv: module verification failed: signature and/or required key missing - tainting kernel
[6.127482] vboxdrv: Found 12 processor cores/threads
[6.137240] Generic FE-GE Realtek PHY r8169-0-600:00: attached PHY driver (mii_bus:phy_addr=r8169-0-600:00, irq=MAC)
[6.143364] vboxdrv: TSC mode is Invariant, tentative frequency 3699950642 Hz
[6.143368] vboxdrv: Successfully loaded version 7.1.4 r165100 (interface 0x00340001)
[6.298359] r8169 0000:06:00.0 enp6s0: Link is Down
[6.348158] VBoxNetFlt: Successfully started.
[6.349846] VBoxNetAdp: Successfully started.
[6.493456] iwlfwif 0000:05:00.0: Registered PHC clock: iwlfwif-PTP, with index: 0
[7.019121] systemd-journald[558]:
/var/log/journal/2ef2ecc016114874a9f4288eb1293ff7/user-1000.journal: Journal file uses a different sequence number ID, rotating.
[7.349486] usb 5-2: 3:1: cannot get freq at ep 0x84
[7.361485] usb 5-2: 3:1: cannot get freq at ep 0x84
[7.456089] Bluetooth: RFCOMM TTY layer initialized
[7.456097] Bluetooth: RFCOMM socket layer initialized
[7.456100] Bluetooth: RFCOMM ver 1.11
[8.166364] rkill: input handler disabled
[8.885448] warning: `cat' uses wireless extensions which will stop working for Wi-Fi 7 hardware; use nl80211
[9.180572] NMI watchdog: Enabled. Permanently consumes one hw-PMU counter.
[9.960251] wlp5s0: authenticate with 9c:a2:f4:a3:37:bc (local address=46:86:a0:74:ba:44)
[9.960654] wlp5s0: send auth to 9c:a2:f4:a3:37:bc (try 1/3)
[9.999773] wlp5s0: authenticated
[10.000200] wlp5s0: associate with 9c:a2:f4:a3:37:bc (try 1/3)
[10.001256] wlp5s0: RX AssocResp from 9c:a2:f4:a3:37:bc (capab=0x1011 status=0 aid=9)
[10.003740] wlp5s0: associated
[10.005815] wlp5s0: Limiting TX power to 30 (30 - 0) dBm as advertised by 9c:a2:f4:a3:37:bc
[394.461679] usb 1-2: new full-speed USB device number 6 using xhci_hcd
[394.613692] usb 1-2: New USB device found, idVendor=290b, idProduct=1710, bcdDevice=2.00
[394.613696] usb 1-2: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[394.613698] usb 1-2: Product: Beats Flex
[394.613700] usb 1-2: Manufacturer: Beats Electronics
[394.613702] usb 1-2: SerialNumber: HNYM8ADTQ1HJ
[394.642148] hid-generic 0003:290B:1710.000D: hiddev102,hidraw10: USB HID v1.11 Device [Beats Electronics Beats Flex] on usb-0000:07:00.1-2/input0

[1872.476210] usb 1-2: USB disconnect, device number 6
[1880.910503] uinput: UI_SET_PHYS is deprecated. Use UI_SET_PHYS_STR
[1880.910573] input: Beats Flex (AVRCP) as /devices/virtual/input/input34
[5264.952062] wlp5s0: deauthenticating from 9c:a2:f4:a3:37:bc by local choice (Reason: 3=DEAUTH_LEAVING)
[5265.965988] PM: suspend entry (deep)
[5265.985158] Filesystems sync: 0.019 seconds
[5266.555891] Freezing user space processes
[5266.558140] Freezing user space processes completed (elapsed 0.002 seconds)
[5266.558144] OOM killer disabled.
[5266.558145] Freezing remaining freezable tasks
[5266.559006] Freezing remaining freezable tasks completed (elapsed 0.000 seconds)
[5266.559026] printk: Suspending console(s) (use no_console_suspend to debug)
[5266.566354] serial 00:04: disabled
[5266.585926] sd 2:0:0:0: [sda] Synchronizing SCSI cache
[5266.590113] ata3.00: Entering standby power mode
[5266.877816] amdgpu 0000:0c:00.0: amdgpu: MODE1 reset
[5266.877944] amdgpu 0000:0c:00.0: amdgpu: GPU mode1 reset
[5266.879478] amdgpu 0000:0c:00.0: amdgpu: GPU smu mode1 reset
[5267.431259] ACPI: PM: Preparing to enter system sleep state S3
[5267.942397] ACPI: PM: Saving platform NVS memory
[5267.942475] Disabling non-boot CPUs ...
[5267.944329] smpboot: CPU 11 is now offline
[5267.946807] smpboot: CPU 10 is now offline
[5267.949153] smpboot: CPU 9 is now offline
[5267.951509] smpboot: CPU 8 is now offline
[5267.954090] smpboot: CPU 7 is now offline
[5267.956592] smpboot: CPU 6 is now offline
[5267.957486] Spectre V2 : Update user space SMT mitigation: STIBP off
[5267.959000] smpboot: CPU 5 is now offline
[5267.961191] smpboot: CPU 4 is now offline
[5267.963376] smpboot: CPU 3 is now offline
[5267.965655] smpboot: CPU 2 is now offline
[5267.967889] smpboot: CPU 1 is now offline
[5267.969187] ACPI: PM: Low-level resume complete
[5267.969205] ACPI: PM: Restoring platform NVS memory
[5267.969307] AMD-Vi: Virtual APIC enabled
[5267.969368] AMD-Vi: Virtual APIC enabled
[5267.969376] LVT offset 0 assigned for vector 0x400
[5267.970122] Enabling non-boot CPUs ...
[5267.970182] smpboot: Booting Node 0 Processor 1 APIC 0x2
[5267.977862] CPU1 is up
[5267.977910] smpboot: Booting Node 0 Processor 2 APIC 0x4
[5267.981482] CPU2 is up

[5267.981541] smpboot: Booting Node 0 Processor 3 APIC 0x6
[5267.985530] CPU3 is up
[5267.985586] smpboot: Booting Node 0 Processor 4 APIC 0x8
[5267.990893] CPU4 is up
[5267.990933] smpboot: Booting Node 0 Processor 5 APIC 0xa
[5267.994567] CPU5 is up
[5267.994629] smpboot: Booting Node 0 Processor 6 APIC 0x1
[5267.999283] Spectre V2 : Update user space SMT mitigation: STIBP always-on
[5267.999287] CPU6 is up
[5267.999325] smpboot: Booting Node 0 Processor 7 APIC 0x3
[5268.003308] CPU7 is up
[5268.003344] smpboot: Booting Node 0 Processor 8 APIC 0x5
[5268.007322] CPU8 is up
[5268.007371] smpboot: Booting Node 0 Processor 9 APIC 0x7
[5268.011341] CPU9 is up
[5268.011380] smpboot: Booting Node 0 Processor 10 APIC 0x9
[5268.015380] CPU10 is up
[5268.015419] smpboot: Booting Node 0 Processor 11 APIC 0xb
[5268.019454] CPU11 is up
[5268.020548] ACPI: PM: Waking up from system sleep state S3
[5268.026159] [drm] PCIE GART of 512M enabled (table at 0x00000008000300000).
[5268.026202] amdgpu 0000:0c:00.0: amdgpu: PSP is resuming...
[5268.026975] serial 00:04: activated
[5268.048412] nvme nvme0: 8/0/0 default/read/poll queues
[5268.051856] nvme nvme0: Ignoring bogus Namespace Identifiers
[5268.083071] amdgpu 0000:0c:00.0: amdgpu: reserve 0x1300000 from 0x83fc000000 for PSP
TMR
[5268.085081] nvme nvme1: 12/0/0 default/read/poll queues
[5268.177276] amdgpu 0000:0c:00.0: amdgpu: RAS: optional ras ta ucode is not available
[5268.184858] amdgpu 0000:0c:00.0: amdgpu: RAP: optional rap ta ucode is not available
[5268.184860] amdgpu 0000:0c:00.0: amdgpu: SECUREDISPLAY: securedisplay ta ucode is
not available
[5268.184863] amdgpu 0000:0c:00.0: amdgpu: SMU is resuming...
[5268.184867] amdgpu 0000:0c:00.0: amdgpu: smu driver if version = 0x00000035, smu fw if
version = 0x00000040, smu fw program = 0, smu fw version = 0x00525c00 (82.92.0)
[5268.184870] amdgpu 0000:0c:00.0: amdgpu: SMU driver if version not matched
[5268.230443] amdgpu 0000:0c:00.0: amdgpu: SMU is resumed successfully!
[5268.240064] [drm] DMUB hardware initialized: version=0x07002A00
[5268.274971] amdgpu 0000:0c:00.0: amdgpu: ring gfx_0.0.0 uses VM inv eng 0 on hub 0
[5268.274974] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.0 uses VM inv eng 1 on hub 0
[5268.274976] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.0 uses VM inv eng 4 on hub 0
[5268.274977] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.0 uses VM inv eng 6 on hub 0
[5268.274978] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.0 uses VM inv eng 7 on hub 0
[5268.274980] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.1 uses VM inv eng 8 on hub 0

[5268.274981] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.1 uses VM inv eng 9 on hub 0
[5268.274982] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.1 uses VM inv eng 10 on hub 0
[5268.274984] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.1 uses VM inv eng 11 on hub 0
[5268.274985] amdgpu 0000:0c:00.0: amdgpu: ring sdma0 uses VM inv eng 12 on hub 0
[5268.274986] amdgpu 0000:0c:00.0: amdgpu: ring sdma1 uses VM inv eng 13 on hub 0
[5268.274988] amdgpu 0000:0c:00.0: amdgpu: ring vcn_unified_0 uses VM inv eng 0 on hub 8
[5268.274989] amdgpu 0000:0c:00.0: amdgpu: ring jpeg_dec uses VM inv eng 1 on hub 8
[5268.274990] amdgpu 0000:0c:00.0: amdgpu: ring mes_kiq_3.1.0 uses VM inv eng 14 on hub 0
[5268.280624] [drm] ring gfx_32788.1.1 was added
[5268.281097] [drm] ring compute_32788.2.2 was added
[5268.281505] [drm] ring sdma_32788.3.3 was added
[5268.281550] [drm] ring gfx_32788.1.1 ib test pass
[5268.281588] [drm] ring compute_32788.2.2 ib test pass
[5268.281669] [drm] ring sdma_32788.3.3 ib test pass
[5268.332211] ata4: SATA link down (SStatus 0 SControl 300)
[5268.487099] ata3: SATA link up 6.0 Gbps (SStatus 133 SControl 300)
[5268.487530] ata3.00: supports DRM functions and may not be fully accessible
[5268.493935] sd 2:0:0:0: [sda] Starting disk
[5268.494304] ata3.00: supports DRM functions and may not be fully accessible
[5268.500731] ata3.00: configured for UDMA/133
[5268.510999] ata3.00: Enabling discard_zeroes_data
[5268.853295] usb 1-5: reset high-speed USB device number 5 using xhci_hcd
[5269.007104] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5269.895098] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5270.783095] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5271.671076] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5271.672072] OOM killer enabled.
[5271.672074] Restarting tasks ...
[5271.672144] usb 5-2: USB disconnect, device number 2
[5271.675131] done.
[5271.675141] random: crng reseeded on system resumption
[5271.675151] PM: suspend exit
[5271.712066] Generic FE-GE Realtek PHY r8169-0-600:00: attached PHY driver
(mii_bus:phy_addr=r8169-0-600:00, irq=MAC)
[5271.871935] r8169 0000:06:00.0 enp6s0: Link is Down
[5272.566822] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5273.455815] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5273.455862] usb usb5-port2: attempt power cycle
[5274.406811] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5275.193467] wlp5s0: authenticate with 9c:a2:f4:a3:37:bd (local address=46:86:a0:74:ba:44)
[5275.193860] wlp5s0: send auth to 9c:a2:f4:a3:37:bd (try 1/3)
[5275.262930] wlp5s0: authenticate with 9c:a2:f4:a3:37:bd (local address=46:86:a0:74:ba:44)
[5275.262934] wlp5s0: send auth to 9c:a2:f4:a3:37:bd (try 1/3)

[5275.275988] wlp5s0: authenticated
[5275.277788] wlp5s0: associate with 9c:a2:f4:a3:37:bd (try 1/3)
[5275.282777] wlp5s0: RX AssocResp from 9c:a2:f4:a3:37:bd (capab=0x1431 status=0 aid=22)
[5275.284984] wlp5s0: associated
[5275.294802] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5275.294845] usb usb5-port2: unable to enumerate USB device
[5589.245996] wlp5s0: cannot understand ECDSA IE operating class, 4, ignoring
[5590.728589] wlp5s0: authenticate with 9c:a2:f4:a3:37:bc (local address=46:86:a0:74:ba:44)
[5590.728983] wlp5s0: send auth to 9c:a2:f4:a3:37:bc (try 1/3)
[5590.767811] wlp5s0: authenticated
[5590.769330] wlp5s0: associate with 9c:a2:f4:a3:37:bc (try 1/3)
[5590.770369] wlp5s0: RX AssocResp from 9c:a2:f4:a3:37:bc (capab=0x1011 status=0 aid=26)
[5590.772719] wlp5s0: associated
[5590.791896] wlp5s0: Limiting TX power to 30 (30 - 0) dBm as advertised by 9c:a2:f4:a3:37:bc
[5870.704674] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5871.592666] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5871.592711] usb usb5-port2: attempt power cycle
[5872.544661] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5873.432642] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5873.432687] usb usb5-port2: unable to enumerate USB device
[5909.568227] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5910.456233] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5910.456277] usb usb5-port2: attempt power cycle
[5911.408206] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5912.296197] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5912.296241] usb usb5-port2: unable to enumerate USB device
[8898.855463] input: Beats Flex (AVRCP) as /devices/virtual/input/input35

[0.000000] Linux version 6.12.11-204.nobara.fc40.x86_64
(mockbuild@cbfc76b790054cd39f296683fc9db6f6) (gcc (GCC) 14.2.1 20240912 (Red Hat
14.2.1-3), GNU ld version 2.41-38.fc40) #1 SMP PREEMPT_DYNAMIC Sun Jan 26 00:15:36
UTC 2025

[0.000000] Command line:
BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64
root=UUID=42981282-a114-417e-b3ba-32b0295a0725 ro rootflags=subvol=@ quiet
amdgpu.ppfeaturemask=0xffffffff splash

[0.000000] BIOS-provided physical RAM map:
[0.000000] BIOS-e820: [mem 0x0000000000000000-0x0000000000009ffff] usable
[0.000000] BIOS-e820: [mem 0x00000000000a0000-0x000000000000ffffff] reserved
[0.000000] BIOS-e820: [mem 0x0000000000100000-0x000000000009cfefff] usable
[0.000000] BIOS-e820: [mem 0x000000000009cff000-0x000000000009ffffff] reserved
[0.000000] BIOS-e820: [mem 0x0000000000a000000-0x0000000000a1fffff] usable
[0.000000] BIOS-e820: [mem 0x0000000000a200000-0x0000000000a20dfff] ACPI NVS
[0.000000] BIOS-e820: [mem 0x0000000000a20e000-0x0000000000c9dc5fff] usable

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[ 0.000000] BIOS-e820: [mem 0x00000000c9dc6000-0x00000000ca0f2fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000ca0f3000-0x00000000ca346fff] ACPI data
[ 0.000000] BIOS-e820: [mem 0x00000000ca347000-0x00000000ca9fefff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x00000000ca9ff000-0x00000000cbbfefff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000cbbff000-0x00000000ccffffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000cd000000-0x00000000cfffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000f0000000-0x00000000f7ffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fd200000-0x00000000fd2ffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fd400000-0x00000000fd5ffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fea00000-0x00000000fea0ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000feb80000-0x00000000fec01fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fec10000-0x00000000fec10fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fed00000-0x00000000fed00fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fed40000-0x00000000fed44fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fed80000-0x00000000fed8ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fedc2000-0x00000000fedcffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fedd4000-0x00000000fedd5fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000ff000000-0x00000000ffffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000100000000-0x0000000082f37fff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000082f38000-0x0000000082ffffff] reserved
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] APIC: Static calls initialized
[ 0.000000] e820: update [mem 0xbc24b018-0xbc259067] usable ==> usable
[ 0.000000] e820: update [mem 0xbc22f018-0xbc24a657] usable ==> usable
[ 0.000000] extended physical RAM map:
[ 0.000000] reserve setup_data: [mem 0x0000000000000000-0x000000000009ffff] usable
[ 0.000000] reserve setup_data: [mem 0x00000000000a0000-0x000000000000ffff]
reserved
[ 0.000000] reserve setup_data: [mem 0x0000000000100000-0x000000000009cfefff] usable
[ 0.000000] reserve setup_data: [mem 0x000000000009cff000-0x000000000009ffffff] reserved
[ 0.000000] reserve setup_data: [mem 0x00000000000a000000-0x00000000000a1fffff] usable
[ 0.000000] reserve setup_data: [mem 0x00000000000a200000-0x00000000000a20dfff] ACPI
NVS
[ 0.000000] reserve setup_data: [mem 0x00000000000a20e000-0x00000000000bc22f017]
usable
[ 0.000000] reserve setup_data: [mem 0x00000000000bc22f018-0x00000000000bc24a657]
usable
[ 0.000000] reserve setup_data: [mem 0x00000000000bc24a658-0x00000000000bc24b017]
usable
[ 0.000000] reserve setup_data: [mem 0x00000000000bc24b018-0x00000000000bc259067]
usable
[ 0.000000] reserve setup_data: [mem 0x00000000000bc259068-0x00000000000c9dc5fff]
usable
```

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[ 0.000000] reserve setup_data: [mem 0x00000000c9dc6000-0x00000000ca0f2fff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000ca0f3000-0x00000000ca346fff] ACPI
data
[ 0.000000] reserve setup_data: [mem 0x00000000ca347000-0x00000000ca9fefff] ACPI
NVS
[ 0.000000] reserve setup_data: [mem 0x00000000ca9ff000-0x00000000cbbfefff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000cbbff000-0x00000000ccffffff] usable
[ 0.000000] reserve setup_data: [mem 0x00000000cd000000-0x00000000cfffffff] reserved
[ 0.000000] reserve setup_data: [mem 0x00000000f0000000-0x00000000f7ffffff] reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fd200000-0x00000000fd2fffff] reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fd400000-0x00000000fd5fffff] reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fea00000-0x00000000fea0ffff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000feb80000-0x00000000fec01fff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fec10000-0x00000000fec10fff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fed00000-0x00000000fed00fff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fed40000-0x00000000fed44fff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fed80000-0x00000000fed8ffff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fedc2000-0x00000000fedcffff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000fedd4000-0x00000000fedd5fff]
reserved
[ 0.000000] reserve setup_data: [mem 0x00000000ff000000-0x00000000ffffffff] reserved
[ 0.000000] reserve setup_data: [mem 0x0000000010000000-0x0000000082f37fff] usable
[ 0.000000] reserve setup_data: [mem 0x0000000082f38000-0x0000000082ffffff] reserved
[ 0.000000] efi: EFI v2.7 by American Megatrends
[ 0.000000] efi: ACPI=0xca346000 ACPI 2.0=0xca346014 SMBIOS=0xcba05000
SMBIOS 3.0=0xcba04000 MEMATTR=0xc7e13018 ESRT=0xc826cb18 MOKvar=0xcba52000
RNG=0xca32cc18
[ 0.000000] random: crng init done
[ 0.000000] efi: Remove mem75: MMIO range=[0xf0000000-0xf7ffff] (128MB) from e820
map
[ 0.000000] e820: remove [mem 0xf0000000-0xf7ffff] reserved
[ 0.000000] efi: Remove mem76: MMIO range=[0xfd200000-0xfd2ffff] (1MB) from e820
map
[ 0.000000] e820: remove [mem 0xfd200000-0xfd2ffff] reserved
```

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[ 0.000000] efi: Remove mem77: MMIO range=[0xfd400000-0xfd5fffff] (2MB) from e820
map
[ 0.000000] e820: remove [mem 0xfd400000-0xfd5fffff] reserved
[ 0.000000] efi: Not removing mem78: MMIO range=[0xfea00000-0xfea0ffff] (64KB) from
e820 map
[ 0.000000] efi: Remove mem79: MMIO range=[0xfeb80000-0xfec01fff] (0MB) from e820
map
[ 0.000000] e820: remove [mem 0xfeb80000-0xfec01fff] reserved
[ 0.000000] efi: Not removing mem80: MMIO range=[0xfec10000-0xfec10fff] (4KB) from
e820 map
[ 0.000000] efi: Not removing mem81: MMIO range=[0xfed00000-0xfed00fff] (4KB) from
e820 map
[ 0.000000] efi: Not removing mem82: MMIO range=[0xfed40000-0xfed44fff] (20KB) from
e820 map
[ 0.000000] efi: Not removing mem83: MMIO range=[0xfed80000-0xfed8ffff] (64KB) from
e820 map
[ 0.000000] efi: Not removing mem84: MMIO range=[0xfedc2000-0xfedcffff] (56KB) from
e820 map
[ 0.000000] efi: Not removing mem85: MMIO range=[0xfedd4000-0xfedd5fff] (8KB) from
e820 map
[ 0.000000] efi: Remove mem86: MMIO range=[0xff000000-0xffffffff] (16MB) from e820
map
[ 0.000000] e820: remove [mem 0xff000000-0xffffffff] reserved
[ 0.000000] SMBIOS 3.3.0 present.
[ 0.000000] DMI: System manufacturer System Product Name/TUF GAMING X570-PLUS
(WI-FI), BIOS 3001 12/04/2020
[ 0.000000] DMI: Memory slots populated: 4/4
[ 0.000000] tsc: Fast TSC calibration using PIT
[ 0.000000] tsc: Detected 3699.648 MHz processor
[ 0.000444] e820: update [mem 0x00000000-0x00000fff] usable ==> reserved
[ 0.000445] e820: remove [mem 0x000a0000-0x000fffff] usable
[ 0.000452] last_pfn = 0x82f380 max_arch_pfn = 0x400000000
[ 0.000457] total RAM covered: 3327M
[ 0.000617] Found optimal setting for mtrr clean up
[ 0.000617] gran_size: 64K chunk_size: 128M num_reg: 4 lose cover RAM: 0G
[ 0.000620] MTRR map: 7 entries (3 fixed + 4 variable; max 20), built from 9 variable
MTRRs
[ 0.000622] x86/PAT: Configuration [0-7]: WB WC UC- UC WB WP UC- WT
[ 0.000773] e820: update [mem 0xcb2e0000-0xcb2effff] usable ==> reserved
[ 0.000776] e820: update [mem 0xd0000000-0xffffffff] usable ==> reserved
[ 0.000778] last_pfn = 0xcd000 max_arch_pfn = 0x400000000
[ 0.003554] esrt: Reserving ESRT space from 0x00000000c826cb18 to
0x00000000c826cb50.
[ 0.003559] e820: update [mem 0xc826c000-0xc826cfff] usable ==> reserved
```

[0.003573] Using GB pages for direct mapping
[0.003879] Secure boot disabled
[0.003879] RAMDISK: [mem 0xbc25a000-0xbfe25fff]
[0.003882] ACPI: Early table checksum verification disabled
[0.003884] ACPI: RSDP 0x00000000CA346014 000024 (v02 ALASKA)
[0.003886] ACPI: XSDT 0x00000000CA345728 0000D4 (v01 ALASKA A M I
01072009 AMI 01000013)
[0.003889] ACPI: FACP 0x00000000CA33E000 000114 (v06 ALASKA A M I
01072009 AMI 00010013)
[0.003892] ACPI: DSDT 0x00000000CA332000 00B8DC (v02 ALASKA A M I
01072009 INTL 20120913)
[0.003894] ACPI: FACS 0x00000000CA9E2000 000040
[0.003895] ACPI: SSDT 0x00000000CA344000 00092A (v02 AMD AmdTable 00000002
MSFT 04000000)
[0.003897] ACPI: SSDT 0x00000000CA340000 003AAF (v01 AMDAMD AOD 00000001
INTL 20120913)
[0.003898] ACPI: SSDT 0x00000000CA33F000 0000C8 (v02 ALASKA CPUSSDT
01072009 AMI 01072009)
[0.003899] ACPI: FIDT 0x00000000CA331000 00009C (v01 ALASKA A M I
01072009 AMI 00010013)
[0.003901] ACPI: FPDT 0x00000000CA240000 000044 (v01 ALASKA A M I
01072009 AMI 01000013)
[0.003902] ACPI: MCFG 0x00000000CA32F000 00003C (v01 ALASKA A M I
01072009 MSFT 00010013)
[0.003903] ACPI: HPET 0x00000000CA32E000 000038 (v01 ALASKA A M I
01072009 AMI 00000005)
[0.003905] ACPI: SSDT 0x00000000CA32D000 000024 (v01 AMD BIXBY 00001000
INTL 20120913)
[0.003906] ACPI: IVRS 0x00000000CA32B000 0000D0 (v02 AMD AmdTable 00000001
AMD 00000000)
[0.003908] ACPI: BGRT 0x00000000CA32A000 000038 (v01 ALASKA A M I
01072009 AMI 00010013)
[0.003909] ACPI: WPBT 0x00000000CA251000 00003C (v01 ALASKA A M I
00000001 ASUS 00000001)
[0.003910] ACPI: PCCT 0x00000000CA250000 00006E (v02 AMD AmdTable 00000001
AMD 00000000)
[0.003912] ACPI: SSDT 0x00000000CA24D000 002FA1 (v02 AMD AmdTable 00000001
AMD 00000001)
[0.003913] ACPI: CRAT 0x00000000CA24C000 000B18 (v01 AMD AmdTable 00000001
AMD 00000001)
[0.003914] ACPI: CDIT 0x00000000CA24B000 000029 (v01 AMD AmdTable 00000001
AMD 00000001)
[0.003916] ACPI: SSDT 0x00000000CA24A000 000293 (v01 AMD QOGIRDGP
00000001 INTL 20120913)

[0.003917] ACPI: SSDT 0x00000000CA248000 0010B4 (v01 AMD QOGIRTPX
00000001 INTL 20120913)
[0.003918] ACPI: SSDT 0x00000000CA247000 00052C (v01 AMD QOGIRNOI
00000001 INTL 20120913)
[0.003920] ACPI: SSDT 0x00000000CA243000 00381A (v01 AMD QOGIRN 00000001
INTL 20120913)
[0.003921] ACPI: WSMT 0x00000000CA242000 000028 (v01 ALASKA A M I
01072009 AMI 00010013)
[0.003923] ACPI: APIC 0x00000000CA241000 00015E (v03 ALASKA A M I
01072009 AMI 00010013)
[0.003924] ACPI: Reserving FACP table memory at [mem 0xca33e000-0xca33e113]
[0.003925] ACPI: Reserving DSDT table memory at [mem 0xca332000-0xca33d8db]
[0.003925] ACPI: Reserving FACS table memory at [mem 0xca9e2000-0xca9e203f]
[0.003925] ACPI: Reserving SSDT table memory at [mem 0xca344000-0xca344929]
[0.003926] ACPI: Reserving SSDT table memory at [mem 0xca340000-0xca343aae]
[0.003926] ACPI: Reserving SSDT table memory at [mem 0xca33f000-0xca33f0c7]
[0.003927] ACPI: Reserving FIDT table memory at [mem 0xca331000-0xca33109b]
[0.003927] ACPI: Reserving FPDT table memory at [mem 0xca240000-0xca240043]
[0.003928] ACPI: Reserving MCFG table memory at [mem 0xca32f000-0xca32f03b]
[0.003928] ACPI: Reserving HPET table memory at [mem 0xca32e000-0xca32e037]
[0.003928] ACPI: Reserving SSDT table memory at [mem 0xca32d000-0xca32d023]
[0.003929] ACPI: Reserving IVRS table memory at [mem 0xca32b000-0xca32b0cf]
[0.003929] ACPI: Reserving BGRT table memory at [mem 0xca32a000-0xca32a037]
[0.003930] ACPI: Reserving WPBT table memory at [mem 0xca251000-0xca25103b]
[0.003930] ACPI: Reserving PCCT table memory at [mem 0xca250000-0xca25006d]
[0.003931] ACPI: Reserving SSDT table memory at [mem 0xca24d000-0xca24ffa0]
[0.003931] ACPI: Reserving CRAT table memory at [mem 0xca24c000-0xca24cb17]
[0.003932] ACPI: Reserving CDIT table memory at [mem 0xca24b000-0xca24b028]
[0.003932] ACPI: Reserving SSDT table memory at [mem 0xca24a000-0xca24a292]
[0.003932] ACPI: Reserving SSDT table memory at [mem 0xca248000-0xca2490b3]
[0.003933] ACPI: Reserving SSDT table memory at [mem 0xca247000-0xca24752b]
[0.003933] ACPI: Reserving SSDT table memory at [mem 0xca243000-0xca246819]
[0.003934] ACPI: Reserving WSMT table memory at [mem 0xca242000-0xca242027]
[0.003934] ACPI: Reserving APIC table memory at [mem 0xca241000-0xca24115d]
[0.003979] No NUMA configuration found
[0.003980] Faking a node at [mem 0x0000000000000000-0x0000000082f37fff]
[0.003985] NODE_DATA(0) allocated [mem 0x82f3552c0-0x82f37fff]
[0.004127] Zone ranges:
[0.004128] DMA [mem 0x0000000000001000-0x0000000000ffffff]
[0.004129] DMA32 [mem 0x0000000001000000-0x000000000ffffff]
[0.004130] Normal [mem 0x0000000100000000-0x0000000082f37fff]
[0.004130] Device empty
[0.004131] Movable zone start for each node
[0.004132] Early memory node ranges

[0.004133] node 0: [mem 0x0000000000001000-0x000000000009ffff]
[0.004133] node 0: [mem 0x0000000000100000-0x00000000009cffff]
[0.004134] node 0: [mem 0x000000000a000000-0x000000000a1fffff]
[0.004134] node 0: [mem 0x000000000a20e000-0x000000000c9dc5ffff]
[0.004135] node 0: [mem 0x000000000cbff000-0x000000000ccffffff]
[0.004136] node 0: [mem 0x0000000100000000-0x000000082f37ffff]
[0.004138] Initmem setup node 0 [mem 0x0000000000001000-0x000000082f37ffff]
[0.004142] On node 0, zone DMA: 1 pages in unavailable ranges
[0.004155] On node 0, zone DMA: 96 pages in unavailable ranges
[0.004265] On node 0, zone DMA32: 769 pages in unavailable ranges
[0.006721] On node 0, zone DMA32: 14 pages in unavailable ranges
[0.006787] On node 0, zone DMA32: 7737 pages in unavailable ranges
[0.033298] On node 0, zone Normal: 12288 pages in unavailable ranges
[0.033319] On node 0, zone Normal: 3200 pages in unavailable ranges
[0.034080] ACPI: PM-Timer IO Port: 0x808
[0.034085] CPU topo: Ignoring hot-pluggable APIC ID 0 in present package.
[0.034088] ACPI: LAPIC_NMI (acpi_id[0xff] high edge lint[0x1])
[0.034099] IOAPIC[0]: apic_id 13, version 33, address 0xfec00000, GSI 0-23
[0.034104] IOAPIC[1]: apic_id 14, version 33, address 0xfec01000, GSI 24-55
[0.034106] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[0.034107] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 low level)
[0.034109] ACPI: Using ACPI (MADT) for SMP configuration information
[0.034110] ACPI: HPET id: 0x10228201 base: 0xfed00000
[0.034116] e820: update [mem 0xc4db2000-0xc4f62fff] usable ==> reserved
[0.034129] CPU topo: Max. logical packages: 1
[0.034130] CPU topo: Max. logical dies: 1
[0.034130] CPU topo: Max. dies per package: 1
[0.034133] CPU topo: Max. threads per core: 2
[0.034133] CPU topo: Num. cores per package: 6
[0.034134] CPU topo: Num. threads per package: 12
[0.034134] CPU topo: Allowing 12 present CPUs plus 0 hotplug CPUs
[0.034134] CPU topo: Rejected CPUs 20
[0.034149] PM: hibernation: Registered nosave memory: [mem 0x00000000-0x00000fff]
[0.034151] PM: hibernation: Registered nosave memory: [mem 0x000a0000-0x000fffff]
[0.034152] PM: hibernation: Registered nosave memory: [mem 0x09cff000-0x09ffffff]
[0.034153] PM: hibernation: Registered nosave memory: [mem 0x0a200000-0x0a20dfff]
[0.034154] PM: hibernation: Registered nosave memory: [mem 0xbc22f000-0xbc22ffff]
[0.034155] PM: hibernation: Registered nosave memory: [mem 0xbc24a000-0xbc24afff]
[0.034155] PM: hibernation: Registered nosave memory: [mem 0xbc24b000-0xbc24bfff]
[0.034156] PM: hibernation: Registered nosave memory: [mem 0xbc259000-0xbc259fff]
[0.034157] PM: hibernation: Registered nosave memory: [mem 0xc4db2000-0xc4f62fff]
[0.034158] PM: hibernation: Registered nosave memory: [mem 0xc826c000-0xc826cfff]
[0.034159] PM: hibernation: Registered nosave memory: [mem 0xc9dc6000-0xca0f2fff]
[0.034159] PM: hibernation: Registered nosave memory: [mem 0xca0f3000-0xca346fff]

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[ 0.034160] PM: hibernation: Registered nosave memory: [mem 0xca347000-0xca9fefff]
[ 0.034160] PM: hibernation: Registered nosave memory: [mem 0xca9ff000-0xcbbfefff]
[ 0.034161] PM: hibernation: Registered nosave memory: [mem 0xcd000000-0xcfffffff]
[ 0.034162] PM: hibernation: Registered nosave memory: [mem 0xd0000000-0xfe9fffff]
[ 0.034162] PM: hibernation: Registered nosave memory: [mem 0xfea00000-0xfea0ffff]
[ 0.034162] PM: hibernation: Registered nosave memory: [mem 0xfea10000-0xfec0ffff]
[ 0.034163] PM: hibernation: Registered nosave memory: [mem 0xfec10000-0xfec10fff]
[ 0.034163] PM: hibernation: Registered nosave memory: [mem 0xfec11000-0xfecfffff]
[ 0.034163] PM: hibernation: Registered nosave memory: [mem 0xfed00000-0xfed00fff]
[ 0.034164] PM: hibernation: Registered nosave memory: [mem 0xfed01000-0xfed3ffff]
[ 0.034164] PM: hibernation: Registered nosave memory: [mem 0xfed40000-0xfed44fff]
[ 0.034165] PM: hibernation: Registered nosave memory: [mem 0xfed45000-0xfed7ffff]
[ 0.034165] PM: hibernation: Registered nosave memory: [mem 0xfed80000-0xfed8ffff]
[ 0.034165] PM: hibernation: Registered nosave memory: [mem 0xfed90000-0xfedc1fff]
[ 0.034166] PM: hibernation: Registered nosave memory: [mem 0xfedc2000-0xfedcffff]
[ 0.034166] PM: hibernation: Registered nosave memory: [mem 0xfedd0000-0xfedd3fff]
[ 0.034166] PM: hibernation: Registered nosave memory: [mem 0xfedd4000-0xfedd5fff]
[ 0.034167] PM: hibernation: Registered nosave memory: [mem 0xfedd6000-0xfffffff]
[ 0.034168] [mem 0xd0000000-0xfe9fffff] available for PCI devices
[ 0.034169] Booting paravirtualized kernel on bare hardware
[ 0.034170] clocksource: refined-jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1910969940391419 ns
[ 0.038210] setup_percpu: NR_CPUS:8192 nr_cpumask_bits:12 nr_cpu_ids:12
nr_node_ids:1
[ 0.038590] percpu: Embedded 67 pages/cpu s237568 r8192 d28672 u524288
[ 0.038594] pcpu-alloc: s237568 r8192 d28672 u524288 alloc=1*2097152
[ 0.038596] pcpu-alloc: [0] 00 01 02 03 [0] 04 05 06 07
[ 0.038598] pcpu-alloc: [0] 08 09 10 11
[ 0.038610] Kernel command line:
BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64
root=UUID=42981282-a114-417e-b3ba-32b0295a0725 ro rootflags=subvol=@ quiet
amdgpu.ppfeaturemask=0xffffffff splash
[ 0.038659] Unknown kernel command line parameters "splash
BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64", will be passed to user
space.
[ 0.040367] Dentry cache hash table entries: 4194304 (order: 13, 33554432 bytes, linear)
[ 0.041220] Inode-cache hash table entries: 2097152 (order: 12, 16777216 bytes, linear)
[ 0.041272] Fallback order for Node 0: 0
[ 0.041274] Built 1 zonelists, mobility grouping on. Total pages: 8364503
[ 0.041275] Policy zone: Normal
[ 0.041414] mem auto-init: stack:all(zero), heap alloc:on, heap free:off
[ 0.041445] software IO TLB: area num 16.
[ 0.090562] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=12, Nodes=1
[ 0.090592] ftrace: allocating 48846 entries in 191 pages
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[0.097625] ftrace: allocated 191 pages with 7 groups
[0.097654] BORE (Burst-Oriented Response Enhancer) CPU Scheduler modification 5.9.5 by Masahito Suzuki
[0.097679] Dynamic Preempt: full
[0.097718] rcu: Preemptible hierarchical RCU implementation.
[0.097718] rcu: RCU restricting CPUs from NR_CPUS=8192 to nr_cpu_ids=12.
[0.097719] rcu: RCU priority boosting: priority 1 delay 500 ms.
[0.097720] Trampoline variant of Tasks RCU enabled.
[0.097720] Rude variant of Tasks RCU enabled.
[0.097720] Tracing variant of Tasks RCU enabled.
[0.097721] rcu: RCU calculated value of scheduler-enlistment delay is 100 jiffies.
[0.097722] rcu: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=12
[0.097728] RCU Tasks: Setting shift to 4 and lim to 1 rcu_task_cb_adjust=1 rcu_task_cpu_ids=12.
[0.097729] RCU Tasks Rude: Setting shift to 4 and lim to 1 rcu_task_cb_adjust=1 rcu_task_cpu_ids=12.
[0.097731] RCU Tasks Trace: Setting shift to 4 and lim to 1 rcu_task_cb_adjust=1 rcu_task_cpu_ids=12.
[0.100950] NR_IRQS: 524544, nr_irqs: 1064, preallocated irqs: 16
[0.101125] rcu: srcu_init: Setting srcu_struct sizes based on contention.
[0.101214] kfence: initialized - using 2097152 bytes for 255 objects at 0x(____ptrval____)-0x(____ptrval____)
[0.101239] Console: colour dummy device 80x25
[0.101240] printk: legacy console [tty0] enabled
[0.101276] ACPI: Core revision 20240827
[0.101348] clocksource: hpet: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 133484873504 ns
[0.101363] APIC: Switch to symmetric I/O mode setup
[0.102100] AMD-Vi: Using global IVHD EFR:0x58f77ef22294ade, EFR2:0x0
[0.102989] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[0.107364] clocksource: tsc-early: mask: 0xffffffffffffffff max_cycles: 0x6aa813f3a40, max_idle_ns: 881591010354 ns
[0.107369] Calibrating delay loop (skipped), value calculated using timer frequency.. 7399.29 BogoMIPS (lpj=3699648)
[0.107380] x86/cpu: User Mode Instruction Prevention (UMIP) activated
[0.107427] LVT offset 1 assigned for vector 0xf9
[0.107571] LVT offset 2 assigned for vector 0xf4
[0.107612] Last level iTLB entries: 4KB 512, 2MB 512, 4MB 256
[0.107612] Last level dTLB entries: 4KB 2048, 2MB 2048, 4MB 1024, 1GB 0
[0.107615] process: using mwait in idle threads
[0.107616] Spectre V1 : Mitigation: usercopy/swapgs barriers and __user pointer sanitization
[0.107617] Spectre V2 : Mitigation: Retpolines

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[ 0.107618] Spectre V2 : Spectre v2 / SpectreRSB mitigation: Filling RSB on context
switch
[ 0.107618] Spectre V2 : Spectre v2 / SpectreRSB : Filling RSB on VMEXIT
[ 0.107619] Spectre V2 : Enabling Restricted Speculation for firmware calls
[ 0.107620] Spectre V2 : mitigation: Enabling conditional Indirect Branch Prediction Barrier
[ 0.107620] Spectre V2 : User space: Mitigation: STIBP always-on protection
[ 0.107621] Speculative Store Bypass: Mitigation: Speculative Store Bypass disabled via
prctl
[ 0.107622] Speculative Return Stack Overflow: Mitigation: Safe RET
[ 0.107626] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
[ 0.107626] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.107627] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'
[ 0.107627] x86/fpu: Supporting XSAVE feature 0x200: 'Protection Keys User registers'
[ 0.107628] x86/fpu: Supporting XSAVE feature 0x800: 'Control-flow User registers'
[ 0.107629] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256
[ 0.107630] x86/fpu: xstate_offset[9]: 832, xstate_sizes[9]: 8
[ 0.107630] x86/fpu: xstate_offset[11]: 840, xstate_sizes[11]: 16
[ 0.107631] x86/fpu: Enabled xstate features 0xa07, context size is 856 bytes, using
'compacted' format.
[ 0.127998] Freeing SMP alternatives memory: 52K
[ 0.128001] pid_max: default: 32768 minimum: 301
[ 0.130287] LSM: initializing lsm=capability,lockdown,yama,apparmor,bpf,landlock
[ 0.130320] Yama: becoming mindful.
[ 0.130401] AppArmor: AppArmor initialized
[ 0.130586] LSM support for eBPF active
[ 0.130608] landlock: Up and running.
[ 0.130650] Mount-cache hash table entries: 65536 (order: 7, 524288 bytes, linear)
[ 0.130680] Mountpoint-cache hash table entries: 65536 (order: 7, 524288 bytes, linear)
[ 0.234094] smpboot: CPU0: AMD Ryzen 5 5600X 6-Core Processor (family: 0x19, model:
0x21, stepping: 0x0)
[ 0.234286] Performance Events: Fam17h+ core perfctr, AMD PMU driver.
[ 0.234290] ... version: 0
[ 0.234292] ... bit width: 48
[ 0.234292] ... generic registers: 6
[ 0.234293] ... value mask: 0000ffffffff
[ 0.234294] ... max period: 00007fffffffff
[ 0.234295] ... fixed-purpose events: 0
[ 0.234296] ... event mask: 0000000000000003f
[ 0.234362] signal: max sigframe size: 3376
[ 0.234366] rcu: Hierarchical SRCU implementation.
[ 0.234366] rcu: Max phase no-delay instances is 400.
[ 0.234366] Timer migration: 2 hierarchy levels; 8 children per group; 2 crossnode level
[ 0.237311] MCE: In-kernel MCE decoding enabled.
[ 0.237344] NMI watchdog: Enabled. Permanently consumes one hw-PMU counter.
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[ 0.237432] smp: Bringing up secondary CPUs ...
[ 0.237513] smpboot: x86: Booting SMP configuration:
[ 0.237514] .... node #0, CPUs:      #1 #2 #3 #4 #5
[ 0.001214] call_irq_handler: 1.55 No irq handler for vector
[ 0.001214] call_irq_handler: 2.55 No irq handler for vector
[ 0.001214] call_irq_handler: 3.55 No irq handler for vector
[ 0.001214] call_irq_handler: 4.55 No irq handler for vector
[ 0.001214] call_irq_handler: 5.55 No irq handler for vector
[ 0.244400] #6 #7 #8 #9 #10 #11
[ 0.001214] call_irq_handler: 6.55 No irq handler for vector
[ 0.246474] Spectre V2 : Update user space SMT mitigation: STIBP always-on
[ 0.001214] call_irq_handler: 7.55 No irq handler for vector
[ 0.001214] call_irq_handler: 8.55 No irq handler for vector
[ 0.001214] call_irq_handler: 9.55 No irq handler for vector
[ 0.001214] call_irq_handler: 10.55 No irq handler for vector
[ 0.251401] smp: Brought up 1 node, 12 CPUs
[ 0.251401] smpboot: Total of 12 processors activated (88791.55 BogoMIPS)
[ 0.252481] Memory: 32676892K/33458012K available (20480K kernel code, 2670K
rwdata, 14004K rodata, 4380K init, 3792K bss, 760636K reserved, 0K cma-reserved)
[ 0.252485] le9 Unofficial (le9uo) working set protection 1.8 by Masahito Suzuki (forked
from hakavlad's original le9 patch)
[ 0.253493] devtmpfs: initialized
[ 0.253493] x86/mm: Memory block size: 128MB
[ 0.256052] ACPI: PM: Registering ACPI NVS region [mem 0x0a200000-0x0a20dfff]
(57344 bytes)
[ 0.256052] ACPI: PM: Registering ACPI NVS region [mem 0xca347000-0xca9fefff]
(7045120 bytes)
[ 0.256052] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1911260446275000 ns
[ 0.256052] futex hash table entries: 4096 (order: 6, 262144 bytes, linear)
[ 0.256052] pinctrl core: initialized pinctrl subsystem
[ 0.256399] PM: RTC time: 21:33:47, date: 2025-04-26
[ 0.256766] NET: Registered PF_NETLINK/PF_ROUTE protocol family
[ 0.257015] DMA: preallocated 4096 KiB GFP_KERNEL pool for atomic allocations
[ 0.257143] DMA: preallocated 4096 KiB GFP_KERNEL|GFP_DMA pool for atomic
allocations
[ 0.257267] DMA: preallocated 4096 KiB GFP_KERNEL|GFP_DMA32 pool for atomic
allocations
[ 0.257275] audit: initializing netlink subsys (disabled)
[ 0.257283] audit: type=2000 audit(1745703226.155:1): state=initialized audit_enabled=0
res=1
[ 0.257388] thermal_sys: Registered thermal governor 'fair_share'
[ 0.257389] thermal_sys: Registered thermal governor 'bang_bang'
[ 0.257390] thermal_sys: Registered thermal governor 'step_wise'
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[0.257391] thermal_sys: Registered thermal governor 'user_space'
[0.257392] thermal_sys: Registered thermal governor 'power_allocator'
[0.257400] cpuidle: using governor ladder
[0.257404] cpuidle: using governor menu
[0.257429] Detected 1 PCC Subspaces
[0.257430] Registering PCC driver as Mailbox controller
[0.257451] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5
[0.257498] PCI: ECAM [mem 0xf0000000-0xf7ffffff] (base 0xf0000000) for domain 0000
[bus 00-7f]
[0.257505] PCI: Using configuration type 1 for base access
[0.257637] kprobes: kprobe jump-optimization is enabled. All kprobes are optimized if possible.
[0.258465] HugeTLB: registered 1.00 GiB page size, pre-allocated 0 pages
[0.258465] HugeTLB: 16380 KiB vmemmap can be freed for a 1.00 GiB page
[0.258465] HugeTLB: registered 2.00 MiB page size, pre-allocated 0 pages
[0.258465] HugeTLB: 28 KiB vmemmap can be freed for a 2.00 MiB page
[0.258496] fbcon: Taking over console
[0.258496] ACPI: Added _OSI(Module Device)
[0.258496] ACPI: Added _OSI(Processor Device)
[0.258496] ACPI: Added _OSI(3.0 _SCP Extensions)
[0.258496] ACPI: Added _OSI(Processor Aggregator Device)
[0.268982] ACPI: 10 ACPI AML tables successfully acquired and loaded
[0.270662] ACPI: [Firmware Bug]: BIOS _OSI(Linux) query ignored
[0.271756] ACPI: Interpreter enabled
[0.271756] ACPI: PM: (supports S0 S3 S4 S5)
[0.271756] ACPI: Using IOAPIC for interrupt routing
[0.272674] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[0.272675] PCI: Using E820 reservations for host bridge windows
[0.272962] ACPI: Enabled 2 GPEs in block 00 to 1F
[0.286038] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[0.286043] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI EDR HPX-Type3]
[0.286179] acpi PNP0A08:00: _OSC: platform does not support [PCIeHotplug SHPCHotplug PME LTR DPC]
[0.286429] acpi PNP0A08:00: _OSC: OS now controls [AER PCIeCapability]
[0.286439] acpi PNP0A08:00: [Firmware Info]: ECAM [mem 0xf0000000-0xf7ffffff] for domain 0000 [bus 00-7f] only partially covers this bridge
[0.286981] PCI host bridge to bus 0000:00
[0.286984] pci_bus 0000:00: root bus resource [io 0x0000-0x03af window]
[0.286986] pci_bus 0000:00: root bus resource [io 0x03e0-0x0cf7 window]
[0.286988] pci_bus 0000:00: root bus resource [io 0x03b0-0x03df window]
[0.286989] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff window]
[0.286990] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000dffff window]

[0.286992] pci_bus 0000:00: root bus resource [mem 0xd0000000-0xfec02fff window]
[0.286993] pci_bus 0000:00: root bus resource [mem 0xfef00000-0xffffffff window]
[0.286995] pci_bus 0000:00: root bus resource [bus 00-ff]
[0.287009] pci 0000:00:00.0: [1022:1480] type 00 class 0x060000 conventional PCI endpoint
[0.287112] pci 0000:00:00.2: [1022:1481] type 00 class 0x080600 conventional PCI endpoint
[0.287212] pci 0000:00:01.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.287274] pci 0000:00:01.1: [1022:1483] type 01 class 0x060400 PCIe Root Port
[0.287291] pci 0000:00:01.1: PCI bridge to [bus 01]
[0.287297] pci 0000:00:01.1: bridge window [mem 0xfcf00000-0xfcffffff]
[0.287310] pci 0000:00:01.1: enabling Extended Tags
[0.287361] pci 0000:00:01.1: PME# supported from D0 D3hot D3cold
[0.287510] pci 0000:00:01.2: [1022:1483] type 01 class 0x060400 PCIe Root Port
[0.287527] pci 0000:00:01.2: PCI bridge to [bus 02-09]
[0.287532] pci 0000:00:01.2: bridge window [io 0xf000-0xffff]
[0.287534] pci 0000:00:01.2: bridge window [mem 0xfc200000-0xfc8fffff]
[0.287547] pci 0000:00:01.2: enabling Extended Tags
[0.287598] pci 0000:00:01.2: PME# supported from D0 D3hot D3cold
[0.287773] pci 0000:00:02.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.287838] pci 0000:00:03.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.287898] pci 0000:00:03.1: [1022:1483] type 01 class 0x060400 PCIe Root Port
[0.287915] pci 0000:00:03.1: PCI bridge to [bus 0a-0c]
[0.287919] pci 0000:00:03.1: bridge window [io 0xe000-0xefff]
[0.287922] pci 0000:00:03.1: bridge window [mem 0xfcc00000-0xfcefffff]
[0.287929] pci 0000:00:03.1: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.287984] pci 0000:00:03.1: PME# supported from D0 D3hot D3cold
[0.288122] pci 0000:00:04.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288185] pci 0000:00:05.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288248] pci 0000:00:07.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288307] pci 0000:00:07.1: [1022:1484] type 01 class 0x060400 PCIe Root Port
[0.288324] pci 0000:00:07.1: PCI bridge to [bus 0d]
[0.288339] pci 0000:00:07.1: enabling Extended Tags
[0.288384] pci 0000:00:07.1: PME# supported from D0 D3hot D3cold
[0.288506] pci 0000:00:08.0: [1022:1482] type 00 class 0x060000 conventional PCI endpoint
[0.288567] pci 0000:00:08.1: [1022:1484] type 01 class 0x060400 PCIe Root Port
[0.288585] pci 0000:00:08.1: PCI bridge to [bus 0e]

[0.288591] pci 0000:00:08.1: bridge window [mem 0xfc900000-0xfcbfffff]
[0.288603] pci 0000:00:08.1: enabling Extended Tags
[0.288650] pci 0000:00:08.1: PME# supported from D0 D3hot D3cold
[0.288802] pci 0000:00:14.0: [1022:790b] type 00 class 0x0c0500 conventional PCI endpoint
[0.288921] pci 0000:00:14.3: [1022:790e] type 00 class 0x060100 conventional PCI endpoint
[0.289060] pci 0000:00:18.0: [1022:1440] type 00 class 0x060000 conventional PCI endpoint
[0.289092] pci 0000:00:18.1: [1022:1441] type 00 class 0x060000 conventional PCI endpoint
[0.289125] pci 0000:00:18.2: [1022:1442] type 00 class 0x060000 conventional PCI endpoint
[0.289157] pci 0000:00:18.3: [1022:1443] type 00 class 0x060000 conventional PCI endpoint
[0.289189] pci 0000:00:18.4: [1022:1444] type 00 class 0x060000 conventional PCI endpoint
[0.289223] pci 0000:00:18.5: [1022:1445] type 00 class 0x060000 conventional PCI endpoint
[0.289255] pci 0000:00:18.6: [1022:1446] type 00 class 0x060000 conventional PCI endpoint
[0.289287] pci 0000:00:18.7: [1022:1447] type 00 class 0x060000 conventional PCI endpoint
[0.289380] pci 0000:01:00.0: [126f:2263] type 00 class 0x010802 PCIe Endpoint
[0.289403] pci 0000:01:00.0: BAR 0 [mem 0xfc000000-0xfc03fff 64bit]
[0.289659] pci 0000:00:01.1: PCI bridge to [bus 01]
[0.289720] pci 0000:02:00.0: [1022:57ad] type 01 class 0x060400 PCIe Switch Upstream Port
[0.289758] pci 0000:02:00.0: PCI bridge to [bus 03-09]
[0.289766] pci 0000:02:00.0: bridge window [io 0xf000-0xffff]
[0.289770] pci 0000:02:00.0: bridge window [mem 0xfc200000-0xfc8fffff]
[0.289795] pci 0000:02:00.0: enabling Extended Tags
[0.289884] pci 0000:02:00.0: PME# supported from D0 D3hot D3cold
[0.289990] pci 0000:02:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s PCIe x4 link at 0000:00:01.2 (capable of 126.024 Gb/s with 16.0 GT/s PCIe x8 link)
[0.290155] pci 0000:00:01.2: PCI bridge to [bus 02-09]
[0.290414] pci 0000:03:01.0: [1022:57a3] type 01 class 0x060400 PCIe Switch Downstream Port
[0.290452] pci 0000:03:01.0: PCI bridge to [bus 04]
[0.290462] pci 0000:03:01.0: bridge window [mem 0xfc800000-0xfc8fffff]
[0.290503] pci 0000:03:01.0: enabling Extended Tags
[0.290759] pci 0000:03:01.0: PME# supported from D0 D3hot D3cold
[0.291318] pci 0000:03:04.0: [1022:57a3] type 01 class 0x060400 PCIe Switch Downstream Port

[0.291356] pci 0000:03:04.0: PCI bridge to [bus 05]
[0.291372] pci 0000:03:04.0: bridge window [mem 0xfc700000-0xfc7fffff]
[0.291413] pci 0000:03:04.0: enabling Extended Tags
[0.291668] pci 0000:03:04.0: PME# supported from D0 D3hot D3cold
[0.292202] pci 0000:03:05.0: [1022:57a3] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.292239] pci 0000:03:05.0: PCI bridge to [bus 06]
[0.292247] pci 0000:03:05.0: bridge window [io 0xf000-0xffff]
[0.292251] pci 0000:03:05.0: bridge window [mem 0xfc600000-0xfc6fffff]
[0.292292] pci 0000:03:05.0: enabling Extended Tags
[0.292550] pci 0000:03:05.0: PME# supported from D0 D3hot D3cold
[0.293087] pci 0000:03:08.0: [1022:57a4] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.293126] pci 0000:03:08.0: PCI bridge to [bus 07]
[0.293137] pci 0000:03:08.0: bridge window [mem 0xfc200000-0xfc3fffff]
[0.293176] pci 0000:03:08.0: enabling Extended Tags
[0.293359] pci 0000:03:08.0: PME# supported from D0 D3hot D3cold
[0.293656] pci 0000:03:09.0: [1022:57a4] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.293695] pci 0000:03:09.0: PCI bridge to [bus 08]
[0.293705] pci 0000:03:09.0: bridge window [mem 0xfc500000-0xfc5fffff]
[0.293744] pci 0000:03:09.0: enabling Extended Tags
[0.293915] pci 0000:03:09.0: PME# supported from D0 D3hot D3cold
[0.294159] pci 0000:03:0a.0: [1022:57a4] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.294198] pci 0000:03:0a.0: PCI bridge to [bus 09]
[0.294208] pci 0000:03:0a.0: bridge window [mem 0xfc400000-0xfc4fffff]
[0.294248] pci 0000:03:0a.0: enabling Extended Tags
[0.294415] pci 0000:03:0a.0: PME# supported from D0 D3hot D3cold
[0.294671] pci 0000:02:00.0: PCI bridge to [bus 03-09]
[0.294788] pci 0000:04:00.0: [1344:5416] type 00 class 0x010802 PCIe Endpoint
[0.294816] pci 0000:04:00.0: BAR 0 [mem 0xfc800000-0xfc803fff 64bit]
[0.294881] pci 0000:04:00.0: enabling Extended Tags
[0.295353] pci 0000:03:01.0: PCI bridge to [bus 04]
[0.295493] pci 0000:05:00.0: [8086:2526] type 00 class 0x028000 PCIe Endpoint
[0.295526] pci 0000:05:00.0: BAR 0 [mem 0xfc700000-0xfc703fff 64bit]
[0.295704] pci 0000:05:00.0: PME# supported from D0 D3hot D3cold
[0.295986] pci 0000:03:04.0: PCI bridge to [bus 05]
[0.296113] pci 0000:06:00.0: [10ec:8168] type 00 class 0x020000 PCIe Endpoint
[0.296141] pci 0000:06:00.0: BAR 0 [io 0xf000-0xf0ff]
[0.296177] pci 0000:06:00.0: BAR 2 [mem 0xfc604000-0xfc604fff 64bit]
[0.296200] pci 0000:06:00.0: BAR 4 [mem 0xfc600000-0xfc603fff 64bit]
[0.296356] pci 0000:06:00.0: supports D1 D2
[0.296357] pci 0000:06:00.0: PME# supported from D0 D1 D2 D3hot D3cold

[0.296678] pci 0000:03:05.0: PCI bridge to [bus 06]
[0.296814] pci 0000:07:00.0: [1022:1485] type 00 class 0x130000 PCIe Endpoint
[0.296882] pci 0000:07:00.0: enabling Extended Tags
[0.297066] pci 0000:07:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s
PCIe x4 link at 0000:00:01.2 (capable of 252.048 Gb/s with 16.0 GT/s PCIe x16 link)
[0.297331] pci 0000:07:00.1: [1022:149c] type 00 class 0x0c0330 PCIe Endpoint
[0.297633] pci 0000:07:00.1: BAR 0 [mem 0xfc300000-0xfc3fffff 64bit]
[0.298400] pci 0000:07:00.1: enabling Extended Tags
[0.298916] pci 0000:07:00.1: PME# supported from D0 D3hot D3cold
[0.299430] pci 0000:07:00.3: [1022:149c] type 00 class 0x0c0330 PCIe Endpoint
[0.299457] pci 0000:07:00.3: BAR 0 [mem 0xfc200000-0xfc2fffff 64bit]
[0.299517] pci 0000:07:00.3: enabling Extended Tags
[0.299595] pci 0000:07:00.3: PME# supported from D0 D3hot D3cold
[0.299771] pci 0000:03:08.0: PCI bridge to [bus 07]
[0.299882] pci 0000:08:00.0: [1022:7901] type 00 class 0x010601 PCIe Endpoint
[0.299953] pci 0000:08:00.0: BAR 5 [mem 0xfc500000-0xfc5007ff]
[0.299973] pci 0000:08:00.0: enabling Extended Tags
[0.300080] pci 0000:08:00.0: PME# supported from D3hot D3cold
[0.300174] pci 0000:08:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s
PCIe x4 link at 0000:00:01.2 (capable of 252.048 Gb/s with 16.0 GT/s PCIe x16 link)
[0.300288] pci 0000:03:09.0: PCI bridge to [bus 08]
[0.300400] pci 0000:09:00.0: [1022:7901] type 00 class 0x010601 PCIe Endpoint
[0.300471] pci 0000:09:00.0: BAR 5 [mem 0xfc400000-0xfc4007ff]
[0.300491] pci 0000:09:00.0: enabling Extended Tags
[0.300598] pci 0000:09:00.0: PME# supported from D3hot D3cold
[0.300691] pci 0000:09:00.0: 63.012 Gb/s available PCIe bandwidth, limited by 16.0 GT/s
PCIe x4 link at 0000:00:01.2 (capable of 252.048 Gb/s with 16.0 GT/s PCIe x16 link)
[0.300804] pci 0000:03:0a.0: PCI bridge to [bus 09]
[0.300933] pci 0000:0a:00.0: [1002:1478] type 01 class 0x060400 PCIe Switch Upstream
Port
[0.300948] pci 0000:0a:00.0: BAR 0 [mem 0xfce00000-0xfce03fff]
[0.300966] pci 0000:0a:00.0: PCI bridge to [bus 0b-0c]
[0.300972] pci 0000:0a:00.0: bridge window [io 0xe000-0xefff]
[0.300975] pci 0000:0a:00.0: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.300986] pci 0000:0a:00.0: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.301079] pci 0000:0a:00.0: PME# supported from D0 D3hot D3cold
[0.301282] pci 0000:00:03.1: PCI bridge to [bus 0a-0c]
[0.301350] pci 0000:0b:00.0: [1002:1479] type 01 class 0x060400 PCIe Switch
Downstream Port
[0.301383] pci 0000:0b:00.0: PCI bridge to [bus 0c]
[0.301389] pci 0000:0b:00.0: bridge window [io 0xe000-0xefff]
[0.301393] pci 0000:0b:00.0: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.301403] pci 0000:0b:00.0: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.301501] pci 0000:0b:00.0: PME# supported from D0 D3hot D3cold

[0.302291] pci 0000:0a:00.0: PCI bridge to [bus 0b-0c]
[0.302377] pci 0000:0c:00.0: [1002:7480] type 00 class 0x030000 PCIe Legacy Endpoint
[0.302397] pci 0000:0c:00.0: BAR 0 [mem 0xd0000000-0xdfffffff 64bit pref]
[0.302410] pci 0000:0c:00.0: BAR 2 [mem 0xe0000000-0xe01fffff 64bit pref]
[0.302419] pci 0000:0c:00.0: BAR 4 [io 0xe000-0xe0ff]
[0.302428] pci 0000:0c:00.0: BAR 5 [mem 0xfcc00000-0xfccfffff]
[0.302436] pci 0000:0c:00.0: ROM [mem 0xfcd00000-0xfcd1ffff pref]
[0.302479] pci 0000:0c:00.0: Video device with shadowed ROM at [mem
0x000c0000-0x000dffff]
[0.302551] pci 0000:0c:00.0: PME# supported from D1 D2 D3hot D3cold
[0.302771] pci 0000:0c:00.1: [1002:ab30] type 00 class 0x040300 PCIe Legacy Endpoint
[0.302786] pci 0000:0c:00.1: BAR 0 [mem 0xfcd20000-0xfcd23fff]
[0.302900] pci 0000:0c:00.1: PME# supported from D1 D2 D3hot D3cold
[0.303058] pci 0000:0b:00.0: PCI bridge to [bus 0c]
[0.303129] pci 0000:0d:00.0: [1022:148a] type 00 class 0x130000 PCIe Endpoint
[0.303158] pci 0000:0d:00.0: enabling Extended Tags
[0.303325] pci 0000:00:07.1: PCI bridge to [bus 0d]
[0.303390] pci 0000:0e:00.0: [1022:1485] type 00 class 0x130000 PCIe Endpoint
[0.303425] pci 0000:0e:00.0: enabling Extended Tags
[0.303594] pci 0000:0e:00.1: [1022:1486] type 00 class 0x108000 PCIe Endpoint
[0.303610] pci 0000:0e:00.1: BAR 2 [mem 0xfca00000-0xfcafffff]
[0.303623] pci 0000:0e:00.1: BAR 5 [mem 0xfcb08000-0xfcb09fff]
[0.303632] pci 0000:0e:00.1: enabling Extended Tags
[0.303770] pci 0000:0e:00.3: [1022:149c] type 00 class 0x0c0330 PCIe Endpoint
[0.303784] pci 0000:0e:00.3: BAR 0 [mem 0xfc900000-0xfc9fffff 64bit]
[0.303815] pci 0000:0e:00.3: enabling Extended Tags
[0.303865] pci 0000:0e:00.3: PME# supported from D0 D3hot D3cold
[0.303988] pci 0000:0e:00.4: [1022:1487] type 00 class 0x040300 PCIe Endpoint
[0.303998] pci 0000:0e:00.4: BAR 0 [mem 0xfcb00000-0xfcb07fff]
[0.304025] pci 0000:0e:00.4: enabling Extended Tags
[0.304071] pci 0000:0e:00.4: PME# supported from D0 D3hot D3cold
[0.304198] pci 0000:00:08.1: PCI bridge to [bus 0e]
[0.304729] ACPI: PCI: Interrupt link LNKA configured for IRQ 0
[0.304791] ACPI: PCI: Interrupt link LNKB configured for IRQ 0
[0.304845] ACPI: PCI: Interrupt link LNKC configured for IRQ 0
[0.304910] ACPI: PCI: Interrupt link LNKD configured for IRQ 0
[0.304970] ACPI: PCI: Interrupt link LNKE configured for IRQ 0
[0.305020] ACPI: PCI: Interrupt link LNKF configured for IRQ 0
[0.305069] ACPI: PCI: Interrupt link LNKG configured for IRQ 0
[0.305120] ACPI: PCI: Interrupt link LNKH configured for IRQ 0
[0.306378] iommu: Default domain type: Translated
[0.306378] iommu: DMA domain TLB invalidation policy: lazy mode
[0.306499] SCSI subsystem initialized
[0.306505] libata version 3.00 loaded.

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[ 0.306505] ACPI: bus type USB registered
[ 0.306505] usbcore: registered new interface driver usbfs
[ 0.306505] usbcore: registered new interface driver hub
[ 0.306505] usbcore: registered new device driver usb
[ 0.306505] EDAC MC: Ver: 3.0.0
[ 0.306570] efivars: Registered efivars operations
[ 0.306570] NetLabel: Initializing
[ 0.306570] NetLabel: domain hash size = 128
[ 0.306570] NetLabel: protocols = UNLABELED CIPSOv4 CALIPSO
[ 0.306570] NetLabel: unlabeled traffic allowed by default
[ 0.306570] mctp: management component transport protocol core
[ 0.306570] NET: Registered PF_MCTP protocol family
[ 0.306570] PCI: Using ACPI for IRQ routing
[ 0.310190] PCI: pci_cache_line_size set to 64 bytes
[ 0.310307] e820: reserve RAM buffer [mem 0x09cff000-0x0bffffff]
[ 0.310309] e820: reserve RAM buffer [mem 0x0a200000-0x0bffffff]
[ 0.310310] e820: reserve RAM buffer [mem 0xbc22f018-0xbffffff]
[ 0.310311] e820: reserve RAM buffer [mem 0xbc24b018-0xbffffff]
[ 0.310312] e820: reserve RAM buffer [mem 0xc4db2000-0xc7ffffff]
[ 0.310313] e820: reserve RAM buffer [mem 0xc826c000-0xcbffffff]
[ 0.310315] e820: reserve RAM buffer [mem 0xc9dc6000-0xcbffffff]
[ 0.310316] e820: reserve RAM buffer [mem 0xcd000000-0xcfffffff]
[ 0.310317] e820: reserve RAM buffer [mem 0x82f380000-0x82fffffff]
[ 0.310389] pci 0000:0c:00.0: vgaarb: setting as boot VGA device
[ 0.310389] pci 0000:0c:00.0: vgaarb: bridge control possible
[ 0.310389] pci 0000:0c:00.0: vgaarb: VGA device added:
decodes=io+mem,owns=io+mem,locks=none
[ 0.310389] vgaarb: loaded
[ 0.310413] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
[ 0.310417] hpet0: 3 comparators, 32-bit 14.318180 MHz counter
[ 0.312427] clocksource: Switched to clocksource tsc-early
[ 0.313144] VFS: Disk quotas dquot_6.6.0
[ 0.313151] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)
[ 0.313251] AppArmor: AppArmor Filesystem Enabled
[ 0.313278] pnp: PnP ACPI init
[ 0.313360] system 00:00: [mem 0xf0000000-0xf7ffffff] has been reserved
[ 0.313489] system 00:01: [mem 0xfd200000-0xfd2ffffff] has been reserved
[ 0.313683] system 00:03: [io 0x0290-0x029f] has been reserved
[ 0.313685] system 00:03: [io 0x0200-0x021f] has been reserved
[ 0.313961] pnp 00:04: [dma 0 disabled]
[ 0.314287] system 00:05: [io 0x04d0-0x04d1] has been reserved
[ 0.314289] system 00:05: [io 0x040b] has been reserved
[ 0.314291] system 00:05: [io 0x04d6] has been reserved
[ 0.314292] system 00:05: [io 0x0c00-0x0c01] has been reserved
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[ 0.314294] system 00:05: [io 0x0c14] has been reserved
[ 0.314295] system 00:05: [io 0x0c50-0x0c51] has been reserved
[ 0.314296] system 00:05: [io 0x0c52] has been reserved
[ 0.314298] system 00:05: [io 0x0c6c] has been reserved
[ 0.314299] system 00:05: [io 0x0c6f] has been reserved
[ 0.314301] system 00:05: [io 0x0cd8-0x0cdf] has been reserved
[ 0.314302] system 00:05: [io 0x0800-0x089f] has been reserved
[ 0.314303] system 00:05: [io 0x0b00-0x0b0f] has been reserved
[ 0.314305] system 00:05: [io 0x0b20-0x0b3f] has been reserved
[ 0.314306] system 00:05: [io 0x0900-0x090f] has been reserved
[ 0.314308] system 00:05: [io 0x0910-0x091f] has been reserved
[ 0.314309] system 00:05: [mem 0xfec00000-0xfec00fff] could not be reserved
[ 0.314311] system 00:05: [mem 0xfec01000-0xfec01fff] could not be reserved
[ 0.314313] system 00:05: [mem 0xfecdc0000-0xfecdc0fff] has been reserved
[ 0.314315] system 00:05: [mem 0xfef00000-0xfef00fff] has been reserved
[ 0.314317] system 00:05: [mem 0xfed80000-0xfed8ffff] could not be reserved
[ 0.314318] system 00:05: [mem 0xfec10000-0xfec10fff] has been reserved
[ 0.314320] system 00:05: [mem 0xff000000-0xffffffff] has been reserved
[ 0.314903] pnp: PnP ACPI: found 6 devices
[ 0.320516] clocksource: acpi_pm: mask: 0xffff max_cycles: 0xffff, max_idle_ns:
2085701024 ns
[ 0.320574] NET: Registered PF_INET protocol family
[ 0.320682] IP idents hash table entries: 262144 (order: 9, 2097152 bytes, linear)
[ 0.330362] tcp_listen_portaddr_hash hash table entries: 16384 (order: 6, 262144 bytes,
linear)
[ 0.330384] Table-perturb hash table entries: 65536 (order: 6, 262144 bytes, linear)
[ 0.330495] TCP established hash table entries: 262144 (order: 9, 2097152 bytes, linear)
[ 0.330712] TCP bind hash table entries: 65536 (order: 9, 2097152 bytes, linear)
[ 0.330791] TCP: Hash tables configured (established 262144 bind 65536)
[ 0.330873] MPTCP token hash table entries: 32768 (order: 7, 786432 bytes, linear)
[ 0.330916] UDP hash table entries: 16384 (order: 7, 524288 bytes, linear)
[ 0.330967] UDP-Lite hash table entries: 16384 (order: 7, 524288 bytes, linear)
[ 0.331027] NET: Registered PF_UNIX/PF_LOCAL protocol family
[ 0.331033] NET: Registered PF_XDP protocol family
[ 0.331044] pci 0000:00:01.1: PCI bridge to [bus 01]
[ 0.331047] pci 0000:00:01.1: bridge window [mem 0xfcf00000-0xfcffffff]
[ 0.331053] pci 0000:03:01.0: PCI bridge to [bus 04]
[ 0.331059] pci 0000:03:01.0: bridge window [mem 0xfc800000-0xfc8fffff]
[ 0.331068] pci 0000:03:04.0: PCI bridge to [bus 05]
[ 0.331073] pci 0000:03:04.0: bridge window [mem 0xfc700000-0xfc7fffff]
[ 0.331083] pci 0000:03:05.0: PCI bridge to [bus 06]
[ 0.331086] pci 0000:03:05.0: bridge window [io 0xf000-0xffff]
[ 0.331091] pci 0000:03:05.0: bridge window [mem 0xfc600000-0xfc6fffff]
[ 0.331101] pci 0000:03:08.0: PCI bridge to [bus 07]
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[0.331106] pci 0000:03:08.0: bridge window [mem 0xfc200000-0xfc3fffff]
[0.331116] pci 0000:03:09.0: PCI bridge to [bus 08]
[0.331121] pci 0000:03:09.0: bridge window [mem 0xfc500000-0xfc5fffff]
[0.331130] pci 0000:03:0a.0: PCI bridge to [bus 09]
[0.331136] pci 0000:03:0a.0: bridge window [mem 0xfc400000-0xfc4fffff]
[0.331145] pci 0000:02:00.0: PCI bridge to [bus 03-09]
[0.331148] pci 0000:02:00.0: bridge window [io 0xf000-0xffff]
[0.331153] pci 0000:02:00.0: bridge window [mem 0xfc200000-0xfc8fffff]
[0.331163] pci 0000:00:01.2: PCI bridge to [bus 02-09]
[0.331164] pci 0000:00:01.2: bridge window [io 0xf000-0xffff]
[0.331176] pci 0000:00:01.2: bridge window [mem 0xfc200000-0xfc8fffff]
[0.331182] pci 0000:0b:00.0: PCI bridge to [bus 0c]
[0.331189] pci 0000:0b:00.0: bridge window [io 0xe000-0xefff]
[0.331201] pci 0000:0b:00.0: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.331205] pci 0000:0b:00.0: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331210] pci 0000:0a:00.0: PCI bridge to [bus 0b-0c]
[0.331213] pci 0000:0a:00.0: bridge window [io 0xe000-0xefff]
[0.331217] pci 0000:0a:00.0: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.331221] pci 0000:0a:00.0: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331226] pci 0000:00:03.1: PCI bridge to [bus 0a-0c]
[0.331228] pci 0000:00:03.1: bridge window [io 0xe000-0xefff]
[0.331231] pci 0000:00:03.1: bridge window [mem 0xfcc00000-0xfcefffff]
[0.331234] pci 0000:00:03.1: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331237] pci 0000:00:07.1: PCI bridge to [bus 0d]
[0.331244] pci 0000:00:08.1: PCI bridge to [bus 0e]
[0.331247] pci 0000:00:08.1: bridge window [mem 0xfc900000-0xfcbfffff]
[0.331252] pci_bus 0000:00: resource 4 [io 0x0000-0x03af window]
[0.331254] pci_bus 0000:00: resource 5 [io 0x03e0-0x0cf7 window]
[0.331255] pci_bus 0000:00: resource 6 [io 0x03b0-0x03df window]
[0.331257] pci_bus 0000:00: resource 7 [io 0x0d00-0xffff window]
[0.331258] pci_bus 0000:00: resource 8 [mem 0x000a0000-0x000dffff window]
[0.331259] pci_bus 0000:00: resource 9 [mem 0xd0000000-0xfec02fff window]
[0.331261] pci_bus 0000:00: resource 10 [mem 0xf0000000-0xffffffff window]
[0.331262] pci_bus 0000:01: resource 1 [mem 0xfc000000-0xfcfffff]
[0.331264] pci_bus 0000:02: resource 0 [io 0xf000-0xffff]
[0.331265] pci_bus 0000:02: resource 1 [mem 0xfc200000-0xfc8fffff]
[0.331266] pci_bus 0000:03: resource 0 [io 0xf000-0xffff]
[0.331268] pci_bus 0000:03: resource 1 [mem 0xfc200000-0xfc8fffff]
[0.331269] pci_bus 0000:04: resource 1 [mem 0xfc800000-0xfc8fffff]
[0.331270] pci_bus 0000:05: resource 1 [mem 0xfc700000-0xfc7fffff]
[0.331272] pci_bus 0000:06: resource 0 [io 0xf000-0xffff]
[0.331273] pci_bus 0000:06: resource 1 [mem 0xfc600000-0xfc6fffff]
[0.331274] pci_bus 0000:07: resource 1 [mem 0xfc200000-0xfc3fffff]
[0.331276] pci_bus 0000:08: resource 1 [mem 0xfc500000-0xfc5fffff]

[0.331277] pci_bus 0000:09: resource 1 [mem 0xfc400000-0xfc4fffff]
[0.331279] pci_bus 0000:0a: resource 0 [io 0xe000-0xefff]
[0.331280] pci_bus 0000:0a: resource 1 [mem 0xfcc00000-0xfcefffff]
[0.331281] pci_bus 0000:0a: resource 2 [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331283] pci_bus 0000:0b: resource 0 [io 0xe000-0xefff]
[0.331284] pci_bus 0000:0b: resource 1 [mem 0xfcc00000-0xfcdfffff]
[0.331285] pci_bus 0000:0b: resource 2 [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331287] pci_bus 0000:0c: resource 0 [io 0xe000-0xefff]
[0.331288] pci_bus 0000:0c: resource 1 [mem 0xfcc00000-0xfcdfffff]
[0.331289] pci_bus 0000:0c: resource 2 [mem 0xd0000000-0xe01fffff 64bit pref]
[0.331291] pci_bus 0000:0e: resource 1 [mem 0xfc900000-0xfcbfffff]
[0.331746] pci 0000:0c:00.1: D0 power state depends on 0000:0c:00.0
[0.331914] PCI: CLS 64 bytes, default 64
[0.331931] pci 0000:00:00.2: AMD-Vi: IOMMU performance counters supported
[0.331961] Trying to unpack rootfs image as initramfs...
[0.331978] pci 0000:00:01.0: Adding to iommu group 0
[0.331994] pci 0000:00:01.1: Adding to iommu group 1
[0.332010] pci 0000:00:01.2: Adding to iommu group 2
[0.332029] pci 0000:00:02.0: Adding to iommu group 3
[0.332053] pci 0000:00:03.0: Adding to iommu group 4
[0.332068] pci 0000:00:03.1: Adding to iommu group 5
[0.332088] pci 0000:00:04.0: Adding to iommu group 6
[0.332108] pci 0000:00:05.0: Adding to iommu group 7
[0.332131] pci 0000:00:07.0: Adding to iommu group 8
[0.332146] pci 0000:00:07.1: Adding to iommu group 9
[0.332172] pci 0000:00:08.0: Adding to iommu group 10
[0.332188] pci 0000:00:08.1: Adding to iommu group 11
[0.332216] pci 0000:00:14.0: Adding to iommu group 12
[0.332229] pci 0000:00:14.3: Adding to iommu group 12
[0.332302] pci 0000:00:18.0: Adding to iommu group 13
[0.332316] pci 0000:00:18.1: Adding to iommu group 13
[0.332331] pci 0000:00:18.2: Adding to iommu group 13
[0.332345] pci 0000:00:18.3: Adding to iommu group 13
[0.332358] pci 0000:00:18.4: Adding to iommu group 13
[0.332372] pci 0000:00:18.5: Adding to iommu group 13
[0.332386] pci 0000:00:18.6: Adding to iommu group 13
[0.332400] pci 0000:00:18.7: Adding to iommu group 13
[0.332415] pci 0000:01:00.0: Adding to iommu group 14
[0.332431] pci 0000:02:00.0: Adding to iommu group 15
[0.332490] pci 0000:03:01.0: Adding to iommu group 16
[0.332550] pci 0000:03:04.0: Adding to iommu group 17
[0.332609] pci 0000:03:05.0: Adding to iommu group 18
[0.332645] pci 0000:03:08.0: Adding to iommu group 19
[0.332681] pci 0000:03:09.0: Adding to iommu group 20

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[ 0.332716] pci 0000:03:0a.0: Adding to iommu group 21
[ 0.332776] pci 0000:04:00.0: Adding to iommu group 22
[ 0.332834] pci 0000:05:00.0: Adding to iommu group 23
[ 0.332893] pci 0000:06:00.0: Adding to iommu group 24
[ 0.332903] pci 0000:07:00.0: Adding to iommu group 19
[ 0.332913] pci 0000:07:00.1: Adding to iommu group 19
[ 0.332924] pci 0000:07:00.3: Adding to iommu group 19
[ 0.332933] pci 0000:08:00.0: Adding to iommu group 20
[ 0.332943] pci 0000:09:00.0: Adding to iommu group 21
[ 0.332958] pci 0000:0a:00.0: Adding to iommu group 25
[ 0.332985] pci 0000:0b:00.0: Adding to iommu group 26
[ 0.333024] pci 0000:0c:00.0: Adding to iommu group 27
[ 0.333056] pci 0000:0c:00.1: Adding to iommu group 28
[ 0.333071] pci 0000:0d:00.0: Adding to iommu group 29
[ 0.333090] pci 0000:0e:00.0: Adding to iommu group 30
[ 0.333109] pci 0000:0e:00.1: Adding to iommu group 31
[ 0.333128] pci 0000:0e:00.3: Adding to iommu group 32
[ 0.333146] pci 0000:0e:00.4: Adding to iommu group 33
[ 0.335010] AMD-Vi: Extended features (0x58f77ef22294ade, 0x0): PPR X2APIC NX GT
IA GA PC GA_vAPIC
[ 0.335017] AMD-Vi: Interrupt remapping enabled
[ 0.335018] AMD-Vi: X2APIC enabled
[ 0.335134] AMD-Vi: Virtual APIC enabled
[ 0.335141] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)
[ 0.335143] software IO TLB: mapped [mem 0x00000000b822f000-0x00000000bc22f000]
(64MB)
[ 0.335189] LVT offset 0 assigned for vector 0x400
[ 0.336507] perf: AMD IBS detected (0x0000003ff)
[ 0.336512] perf/amd_iommu: Detected AMD IOMMU #0 (2 banks, 4 counters/bank).
[ 0.354726] Initialise system trusted keyrings
[ 0.354733] Key type blacklist registered
[ 0.354759] workingset: timestamp_bits=36 max_order=23 bucket_order=0
[ 0.354844] fuse: init (API version 7.41)
[ 0.354937] integrity: Platform Keyring initialized
[ 0.354940] integrity: Machine keyring initialized
[ 0.361015] Key type asymmetric registered
[ 0.361017] Asymmetric key parser 'x509' registered
[ 0.361029] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 246)
[ 0.361064] io scheduler mq-deadline registered
[ 0.361065] io scheduler kyber registered
[ 0.361072] io scheduler bfq registered
[ 0.362055] ledtrig-cpu: registered to indicate activity on CPUs
[ 0.362163] pcieport 0000:00:01.1: AER: enabled with IRQ 29
[ 0.362298] pcieport 0000:00:01.2: AER: enabled with IRQ 30
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[ 0.362431] pcieport 0000:00:03.1: AER: enabled with IRQ 31
[ 0.362621] pcieport 0000:00:07.1: AER: enabled with IRQ 33
[ 0.362740] pcieport 0000:00:08.1: AER: enabled with IRQ 34
[ 0.364473] shpchp: Standard Hot Plug PCI Controller Driver version: 0.4
[ 0.364578] input: Power Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0C:00/input/input0
[ 0.364595] ACPI: button: Power Button [PWRB]
[ 0.364619] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input1
[ 0.365590] ACPI: button: Power Button [PWRF]
[ 0.365949] Monitor-Mwait will be used to enter C-1 state
[ 0.369591] Estimated ratio of average max frequency by base frequency (times 1024):
1155
[ 0.369830] Serial: 8250/16550 driver, 32 ports, IRQ sharing enabled
[ 0.370003] 00:04: ttyS0 at I/O 0x3f8 (irq = 4, base_baud = 115200) is a 16550A
[ 0.372238] Non-volatile memory driver v1.3
[ 0.372240] Linux agpgart interface v0.103
[ 0.372878] ahci 0000:08:00.0: version 3.0
[ 0.373175] ahci 0000:08:00.0: AHCI vers 0001.0301, 32 command slots, 6 Gbps, SATA
mode
[ 0.373177] ahci 0000:08:00.0: 1/1 ports implemented (port mask 0x4)
[ 0.373179] ahci 0000:08:00.0: flags: 64bit ncq snth ilck pm led clo only pmp fbs pio slum
part
[ 0.373390] scsi host0: ahci
[ 0.373491] scsi host1: ahci
[ 0.373568] scsi host2: ahci
[ 0.373597] ata1: DUMMY
[ 0.373598] ata2: DUMMY
[ 0.373601] ata3: SATA max UDMA/133 abar m2048@0xfc500000 port 0xfc500200 irq 47
lpm-pol 3
[ 0.373740] ahci 0000:09:00.0: AHCI vers 0001.0301, 32 command slots, 6 Gbps, SATA
mode
[ 0.373743] ahci 0000:09:00.0: 1/1 ports implemented (port mask 0x1)
[ 0.373744] ahci 0000:09:00.0: flags: 64bit ncq snth ilck pm led clo only pmp fbs pio slum
part
[ 0.373863] scsi host3: ahci
[ 0.373892] ata4: SATA max UDMA/133 abar m2048@0xfc400000 port 0xfc400100 irq 61
lpm-pol 3
[ 0.373916] ACPI: bus type drm_connector registered
[ 0.374353] xhci_hcd 0000:07:00.1: xHCI Host Controller
[ 0.374357] xhci_hcd 0000:07:00.1: new USB bus registered, assigned bus number 1
[ 0.374496] xhci_hcd 0000:07:00.1: hcc params 0x0278ffe5 hci version 0x110 quirks
0x0000000000000010
[ 0.374988] xhci_hcd 0000:07:00.1: xHCI Host Controller
[ 0.374991] xhci_hcd 0000:07:00.1: new USB bus registered, assigned bus number 2
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[ 0.374993] xhci_hcd 0000:07:00.1: Host supports USB 3.1 Enhanced SuperSpeed
[ 0.375028] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002,
bcdDevice= 6.12
[ 0.375031] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.375032] usb usb1: Product: xHCI Host Controller
[ 0.375033] usb usb1: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.375035] usb usb1: SerialNumber: 0000:07:00.1
[ 0.375118] hub 1-0:1.0: USB hub found
[ 0.375132] hub 1-0:1.0: 6 ports detected
[ 0.376207] usb usb2: We don't know the algorithms for LPM for this host, disabling LPM.
[ 0.376226] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003,
bcdDevice= 6.12
[ 0.376228] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.376230] usb usb2: Product: xHCI Host Controller
[ 0.376231] usb usb2: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.376232] usb usb2: SerialNumber: 0000:07:00.1
[ 0.376297] hub 2-0:1.0: USB hub found
[ 0.376306] hub 2-0:1.0: 4 ports detected
[ 0.377106] xhci_hcd 0000:07:00.3: xHCI Host Controller
[ 0.377110] xhci_hcd 0000:07:00.3: new USB bus registered, assigned bus number 3
[ 0.377263] xhci_hcd 0000:07:00.3: hcc params 0x0278ffe5 hci version 0x110 quirks
0x0000000000000010
[ 0.377582] xhci_hcd 0000:07:00.3: xHCI Host Controller
[ 0.377586] xhci_hcd 0000:07:00.3: new USB bus registered, assigned bus number 4
[ 0.377589] xhci_hcd 0000:07:00.3: Host supports USB 3.1 Enhanced SuperSpeed
[ 0.377623] usb usb3: New USB device found, idVendor=1d6b, idProduct=0002,
bcdDevice= 6.12
[ 0.377625] usb usb3: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.377626] usb usb3: Product: xHCI Host Controller
[ 0.377628] usb usb3: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.377629] usb usb3: SerialNumber: 0000:07:00.3
[ 0.377707] hub 3-0:1.0: USB hub found
[ 0.377720] hub 3-0:1.0: 6 ports detected
[ 0.378793] usb usb4: We don't know the algorithms for LPM for this host, disabling LPM.
[ 0.378812] usb usb4: New USB device found, idVendor=1d6b, idProduct=0003,
bcdDevice= 6.12
[ 0.378814] usb usb4: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.378815] usb usb4: Product: xHCI Host Controller
[ 0.378816] usb usb4: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.378817] usb usb4: SerialNumber: 0000:07:00.3
[ 0.378880] hub 4-0:1.0: USB hub found
[ 0.378892] hub 4-0:1.0: 4 ports detected
[ 0.379680] xhci_hcd 0000:0e:00.3: xHCI Host Controller
[ 0.379684] xhci_hcd 0000:0e:00.3: new USB bus registered, assigned bus number 5
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[ 0.379792] xhci_hcd 0000:0e:00.3: hcc params 0x0278ffe5 hci version 0x110 quirks
0x0000000000000010
[ 0.380034] xhci_hcd 0000:0e:00.3: xHCI Host Controller
[ 0.380037] xhci_hcd 0000:0e:00.3: new USB bus registered, assigned bus number 6
[ 0.380039] xhci_hcd 0000:0e:00.3: Host supports USB 3.1 Enhanced SuperSpeed
[ 0.380067] usb usb5: New USB device found, idVendor=1d6b, idProduct=0002,
bcdDevice= 6.12
[ 0.380069] usb usb5: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.380071] usb usb5: Product: xHCI Host Controller
[ 0.380072] usb usb5: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.380073] usb usb5: SerialNumber: 0000:0e:00.3
[ 0.380145] hub 5-0:1.0: USB hub found
[ 0.380152] hub 5-0:1.0: 4 ports detected
[ 0.380302] usb usb6: We don't know the algorithms for LPM for this host, disabling LPM.
[ 0.380321] usb usb6: New USB device found, idVendor=1d6b, idProduct=0003,
bcdDevice= 6.12
[ 0.380323] usb usb6: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.380324] usb usb6: Product: xHCI Host Controller
[ 0.380325] usb usb6: Manufacturer: Linux 6.12.11-204.nobara.fc40.x86_64 xhci-hcd
[ 0.380326] usb usb6: SerialNumber: 0000:0e:00.3
[ 0.380388] hub 6-0:1.0: USB hub found
[ 0.380396] hub 6-0:1.0: 4 ports detected
[ 0.380556] usbcore: registered new interface driver usbserial_generic
[ 0.380561] usbserial: USB Serial support registered for generic
[ 0.380611] rtc_cmos 00:02: RTC can wake from S4
[ 0.380822] rtc_cmos 00:02: registered as rtc0
[ 0.380849] rtc_cmos 00:02: setting system clock to 2025-04-26T21:33:47 UTC
(1745703227)
[ 0.380874] rtc_cmos 00:02: alarms up to one month, y3k, 114 bytes nvram, hpet irqs
[ 0.477937] efifb: probing for efifb
[ 0.477955] efifb: Ignoring BGRT: unexpected or invalid BMP data
[ 0.477956] efifb: framebuffer at 0xd0000000, using 3072k, total 3072k
[ 0.477958] efifb: mode is 1024x768x32, linelength=4096, pages=1
[ 0.477960] efifb: scrolling: redraw
[ 0.477960] efifb: Truecolor: size=8:8:8, shift=24:16:8:0
[ 0.478042] Console: switching to colour frame buffer device 128x48
[ 0.478356] fb0: EFI VGA frame buffer device
[ 0.478385] hid: raw HID events driver (C) Jiri Kosina
[ 0.478389] loaded hid-xpadneo 0.9.6
[ 0.478514] drop_monitor: Initializing network drop monitor service
[ 0.478609] NET: Registered PF_INET6 protocol family
[ 0.590549] Freeing initrd memory: 61232K
[ 0.594935] Segment Routing with IPv6
[ 0.594938] RPL Segment Routing with IPv6
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[0.594953] In-situ OAM (IOAM) with IPv6
[0.594984] NET: Registered PF_PACKET protocol family
[0.595734] microcode: Current revision: 0x0a20102d
[0.595736] microcode: Updated early from: 0x0a201009
[0.595920] resctrl: L3 allocation detected
[0.595921] resctrl: MB allocation detected
[0.595922] resctrl: L3 monitoring detected
[0.595939] IPI shorthand broadcast: enabled
[0.597753] sched_clock: Marking stable (597454877, 214992)->(704220986, -106551117)
[0.597889] registered taskstats version 1
[0.598191] Loading compiled-in X.509 certificates
[0.599765] Loaded X.509 cert 'Build time autogenerated kernel key: 5f38d19c6f025638cf2dff0d9d59c48685624786'
[0.601450] Demotion targets for Node 0: null
[0.601553] Key type .fscrypt registered
[0.601554] Key type fscrypt-provisioning registered
[0.601599] AppArmor: AppArmor sha256 policy hashing enabled
[0.601663] integrity: Loading X.509 certificate: EFI:db
[0.604159] integrity: Loaded X.509 cert 'ASUSTeK MotherBoard SW Key Certificate: da83b990422ebc8c441f8d8b039a65a2'
[0.604160] integrity: Loading X.509 certificate: EFI:db
[0.604273] integrity: Loaded X.509 cert 'ASUSTeK Notebook SW Key Certificate: b8e581e4df77a5bb4282d5ccfc00c071'
[0.604275] integrity: Loading X.509 certificate: EFI:db
[0.604290] integrity: Loaded X.509 cert 'Microsoft Corporation EFI CA 2011: 13adbf4309bd82709c8cd54f316ed522988a1bd4'
[0.604292] integrity: Loading X.509 certificate: EFI:db
[0.604304] integrity: Loaded X.509 cert 'Microsoft Windows Production PCA 2011: a92902398e16c49778cd90f99e4f9ae17c55af53'
[0.604306] integrity: Loading X.509 certificate: EFI:db
[0.604419] integrity: Loaded X.509 cert 'Canonical Ltd. Master Certificate Authority: ad91990bc22ab1f517048c23b6655a268e345a63'
[0.605239] PM: Magic number: 5:201:602
[0.607742] RAS: Correctable Errors collector initialized.
[0.613385] usb 3-5: new full-speed USB device number 2 using xhci_hcd
[0.613397] usb 1-1: new full-speed USB device number 2 using xhci_hcd
[0.617020] clk: Disabling unused clocks
[0.617021] PM: genpd: Disabling unused power domains
[0.621383] usb 5-2: new high-speed USB device number 2 using xhci_hcd
[0.682867] ata4: SATA link down (SStatus 0 SControl 300)
[0.759663] usb 3-5: New USB device found, idVendor=8087, idProduct=0025, bcdDevice= 0.02
[0.759666] usb 3-5: New USB device strings: Mfr=0, Product=0, SerialNumber=0

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[ 0.765065] usb 1-1: New USB device found, idVendor=046d, idProduct=c08b,
bcdDevice=27.03
[ 0.765068] usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 0.765070] usb 1-1: Product: G502 HERO Gaming Mouse
[ 0.765072] usb 1-1: Manufacturer: Logitech
[ 0.765073] usb 1-1: SerialNumber: 0C80324D3031
[ 0.807598] usb 5-2: New USB device found, idVendor=0c45, idProduct=636b,
bcdDevice= 1.00
[ 0.807602] usb 5-2: New USB device strings: Mfr=2, Product=1, SerialNumber=3
[ 0.807604] usb 5-2: Product: USB Camera
[ 0.807605] usb 5-2: Manufacturer: Sonix Technology Co., Ltd.
[ 0.807607] usb 5-2: SerialNumber: SN0001
[ 0.837408] ata3: SATA link up 6.0 Gbps (SStatus 133 SControl 300)
[ 0.840425] ata3.00: Model 'Samsung SSD 870 QVO 1TB', rev 'SVQ01B6Q', applying
quirks: noncqtrim zeroaftertrim noncqonati
[ 0.840473] ata3.00: supports DRM functions and may not be fully accessible
[ 0.840475] ata3.00: ATA-11: Samsung SSD 870 QVO 1TB, SVQ01B6Q, max UDMA/133
[ 0.840864] ata3.00: 1953525168 sectors, multi 1: LBA48 NCQ (depth 32), AA
[ 0.845144] ata3.00: Features: Trust Dev-Sleep NCQ-sndrcv
[ 0.845430] ata3.00: supports DRM functions and may not be fully accessible
[ 0.850126] ata3.00: configured for UDMA/133
[ 0.860507] scsi 2:0:0:0: Direct-Access      ATA      Samsung SSD 870 1B6Q PQ: 0
ANSI: 5
[ 0.860729] ata3.00: Enabling discard_zeroes_data
[ 0.860739] sd 2:0:0:0: [sda] 1953525168 512-byte logical blocks: (1.00 TB/932 GiB)
[ 0.860747] sd 2:0:0:0: [sda] Write Protect is off
[ 0.860749] sd 2:0:0:0: [sda] Mode Sense: 00 3a 00 00
[ 0.860760] sd 2:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support
DPO or FUA
[ 0.860789] sd 2:0:0:0: [sda] Preferred minimum I/O size 512 bytes
[ 0.861030] ata3.00: Enabling discard_zeroes_data
[ 0.869973] sda: sda1
[ 0.870868] sd 2:0:0:0: [sda] supports TCG Opal
[ 0.870871] sd 2:0:0:0: [sda] Attached SCSI disk
[ 0.871691] Freeing unused decrypted memory: 2028K
[ 0.872001] Freeing unused kernel image (initmem) memory: 4380K
[ 0.872016] Write protecting the kernel read-only data: 34816k
[ 0.872214] Freeing unused kernel image (rodata/data gap) memory: 332K
[ 0.878394] usb 3-6: new full-speed USB device number 3 using xhci_hcd
[ 0.887394] usb 1-3: new full-speed USB device number 3 using xhci_hcd
[ 0.909593] x86/mm: Checked W+X mappings: passed, no W+X pages found.
[ 0.909596] rodata_test: all tests were successful
[ 0.909600] Run /init as init process
[ 0.909601] with arguments:
```

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[ 0.909602] /init
[ 0.909603] splash
[ 0.909604] with environment:
[ 0.909604] HOME=/
[ 0.909605] TERM=linux
[ 0.909606] BOOT_IMAGE=(hd2,gpt2)/vmlinuz-6.12.11-204.nobara.fc40.x86_64
[ 0.917082] systemd[1]: systemd 255.16-1.fc40 running in system mode (+PAM +AUDIT
+SELINUX -APPARMOR +IMA +SMACK +SECCOMP -GCRYPT +GNUTLS +OPENSSL +ACL
+BLKID +CURL +ELFUTILS +FIDO2 +IDN2 -IDN -IPTC +KMOD +LIBCRYPTSETUP
+LIBFDISK +PCRE2 +PWQUALITY +P11KIT +QRENCODE +TPM2 +BZIP2 +LZ4 +XZ +ZLIB
+ZSTD +BPF_FRAMEWORK +XKBCOMMON +UTMP +SYSVINIT default-hierarchy=unified)
[ 0.917086] systemd[1]: Detected architecture x86-64.
[ 0.917089] systemd[1]: Running in initrd.
[ 0.917225] systemd[1]: Hostname set to <MAD>.
[ 0.960891] systemd[1]: Queued start job for default target initrd.target.
[ 0.971353] systemd[1]: Expecting device
dev-disk-by\x2duuid-42981282\x2da114\x2d417e\x2db3ba\x2d32b0295a0725.device -
/dev/disk/by-uuid/42981282-a114-417e-b3ba-32b0295a0725...
[ 0.971411] systemd[1]: Reached target initrd-usr-fs.target - Initrd /usr File System.
[ 0.971432] systemd[1]: Reached target slices.target - Slice Units.
[ 0.971446] systemd[1]: Reached target swap.target - Swaps.
[ 0.971457] systemd[1]: Reached target timers.target - Timer Units.
[ 0.971551] systemd[1]: Listening on systemd-journald-dev-log.socket - Journal Socket
(/dev/log).
[ 0.971645] systemd[1]: Listening on systemd-journald.socket - Journal Socket.
[ 0.971744] systemd[1]: Listening on systemd-udevd-control.socket - udev Control Socket.
[ 0.971800] systemd[1]: Listening on systemd-udevd-kernel.socket - udev Kernel Socket.
[ 0.971810] systemd[1]: Reached target sockets.target - Socket Units.
[ 0.972413] systemd[1]: Starting kmod-static-nodes.service - Create List of Static Device
Nodes...
[ 0.972436] systemd[1]: memstrack.service - Memstrack Anylazing Service was skipped
because no trigger condition checks were met.
[ 0.973353] systemd[1]: Starting systemd-journald.service - Journal Service...
[ 0.973906] systemd[1]: Starting systemd-modules-load.service - Load Kernel Modules...
[ 0.973929] systemd[1]: systemd-pcrphase-initrd.service - TPM2 PCR Barrier (initrd) was
skipped because of an unmet condition check (ConditionSecurity=measured-uki).
[ 0.974448] systemd[1]: Starting systemd-vconsole-setup.service - Virtual Console
Setup...
[ 0.975055] systemd[1]: Finished kmod-static-nodes.service - Create List of Static Device
Nodes.
[ 0.975519] systemd[1]: Starting systemd-tmpfiles-setup-dev-early.service - Create Static
Device Nodes in /dev gracefully...
[ 0.979381] i2c_dev: i2c /dev entries driver
[ 0.981249] systemd-journald[209]: Collecting audit messages is disabled.
```

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[ 0.987192] systemd[1]: Finished systemd-tmpfiles-setup-dev-early.service - Create Static
Device Nodes in /dev gracefully.
[ 0.987650] systemd[1]: Starting systemd-sysusers.service - Create System Users...
[ 0.988994] mc: Linux media interface: v0.10
[ 0.994533] systemd[1]: Finished systemd-sysusers.service - Create System Users.
[ 0.994978] systemd[1]: Starting systemd-tmpfiles-setup-dev.service - Create Static
Device Nodes in /dev...
[ 0.996918] videodev: Linux video capture interface: v2.00
[ 0.999653] v4l2loopback: unknown parameter "Loopback" ignored
[ 0.999745] v4l2loopback driver version 0.13.1 loaded
[ 1.000214] systemd[1]: Finished systemd-modules-load.service - Load Kernel Modules.
[ 1.000714] systemd[1]: Starting systemd-sysctl.service - Apply Kernel Variables...
[ 1.004079] systemd[1]: Finished systemd-vconsole-setup.service - Virtual Console Setup.
[ 1.004727] systemd[1]: Starting dracut-cmdline-ask.service - dracut ask for additional
cmdline parameters...
[ 1.005482] systemd[1]: Finished systemd-sysctl.service - Apply Kernel Variables.
[ 1.007546] systemd[1]: Finished systemd-tmpfiles-setup-dev.service - Create Static
Device Nodes in /dev.
[ 1.007595] systemd[1]: Reached target local-fs-pre.target - Preparation for Local File
Systems.
[ 1.007604] systemd[1]: Reached target local-fs.target - Local File Systems.
[ 1.014041] systemd[1]: Finished dracut-cmdline-ask.service - dracut ask for additional
cmdline parameters.
[ 1.014614] systemd[1]: Starting dracut-cmdline.service - dracut cmdline hook...
[ 1.017689] usb 3-6: config 1 has an invalid interface number: 2 but max is 1
[ 1.017692] usb 3-6: config 1 has no interface number 1
[ 1.029999] usb 3-6: New USB device found, idVendor=0b05, idProduct=18f3,
bcdDevice= 1.00
[ 1.030003] usb 3-6: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 1.030005] usb 3-6: Product: AURA LED Controller
[ 1.030007] usb 3-6: Manufacturer: AsusTek Computer Inc.
[ 1.030009] usb 3-6: SerialNumber: 9876543210
[ 1.036092] usb 1-3: New USB device found, idVendor=046d, idProduct=c52b,
bcdDevice=24.11
[ 1.036095] usb 1-3: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 1.036097] usb 1-3: Product: USB Receiver
[ 1.036098] usb 1-3: Manufacturer: Logitech
[ 1.042113] systemd[1]: Finished dracut-cmdline.service - dracut cmdline hook.
[ 1.052078] systemd[1]: Starting dracut-pre-udev.service - dracut pre-udev hook...
[ 1.062677] raid6: skipped pq benchmark and selected avx2x4
[ 1.062679] raid6: using avx2x2 recovery algorithm
[ 1.064764] xor: automatically using best checksumming function avx
[ 1.132446] Btrfs loaded, zoned=yes, fsverity=yes
[ 1.137275] systemd[1]: Finished dracut-pre-udev.service - dracut pre-udev hook.
```

[1.150365] systemd[1]: Starting systemd-udev.service - Rule-based Manager for Device Events and Files...

[1.163192] systemd[1]: Started systemd-udev.service - Rule-based Manager for Device Events and Files.

[1.163274] systemd[1]: dracut-pre-trigger.service - dracut pre-trigger hook was skipped because no trigger condition checks were met.

[1.163740] systemd[1]: Starting systemd-udev-trigger.service - Coldplug All udev Devices...

[1.178651] input: Logitech G502 HERO Gaming Mouse as /devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-1/1-1:1.0/0003:046D:C08B.0001/input/input2

[1.178713] hid-generic 0003:046D:C08B.0001: input,hidraw0: USB HID v1.11 Mouse [Logitech G502 HERO Gaming Mouse] on usb-0000:07:00.1-1/input0

[1.180224] usb 1-4: new full-speed USB device number 4 using xhci_hcd

[1.184437] input: Logitech G502 HERO Gaming Mouse Keyboard as /devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-1/1-1:1.1/0003:046D:C08B.0002/input/input3

[1.235489] hid-generic 0003:046D:C08B.0002: input,hiddev96,hidraw1: USB HID v1.11 Keyboard [Logitech G502 HERO Gaming Mouse] on usb-0000:07:00.1-1/input1

[1.241952] hid-generic 0003:0B05:18F3.0003: hiddev97,hidraw2: USB HID v1.11 Device [AsusTek Computer Inc. AURA LED Controller] on usb-0000:07:00.3-6/input2

[1.246367] input: Logitech USB Receiver as /devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.0/0003:046D:C52B.0004/input/input6

[1.261207] systemd[1]: Created slice system-modprobe.slice - Slice /system/modprobe.

[1.272312] systemd[1]: Starting modprobe@configfs.service - Load Kernel Module configfs...

[1.272535] systemd[1]: Finished systemd-udev-trigger.service - Coldplug All udev Devices.

[1.274632] systemd[1]: modprobe@configfs.service: Deactivated successfully.

[1.274723] systemd[1]: Finished modprobe@configfs.service - Load Kernel Module configfs.

[1.277080] systemd[1]: Mounting sys-kernel-config.mount - Kernel Configuration File System...

[1.277110] systemd[1]: dracut-initqueue.service - dracut initqueue hook was skipped because no trigger condition checks were met.

[1.277128] systemd[1]: Reached target remote-fs-pre.target - Preparation for Remote File Systems.

[1.277142] systemd[1]: Reached target remote-fs.target - Remote File Systems.

[1.277176] systemd[1]: dracut-pre-mount.service - dracut pre-mount hook was skipped because no trigger condition checks were met.

[1.277699] systemd[1]: Starting plymouth-start.service - Show Plymouth Boot Screen...

[1.280657] systemd[1]: Mounted sys-kernel-config.mount - Kernel Configuration File System.

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[ 1.281147] systemd[1]: Received SIGRTMIN+20 from PID 358 (plymouthd).
[ 1.289498] sp5100_tco: SP5100/SB800 TCO WatchDog Timer Driver
[ 1.289572] sp5100-tco sp5100-tco: Using 0xfef00000 for watchdog MMIO address
[ 1.291365] sp5100-tco sp5100-tco: initialized. heartbeat=60 sec (nowayout=0)
[ 1.294162] ccp 0000:0e:00.1: enabling device (0000 -> 0002)
[ 1.294779] systemd[1]: Started plymouth-start.service - Show Plymouth Boot Screen.
[ 1.294868] systemd[1]: systemd-ask-password-console.path - Dispatch Password
Requests to Console Directory Watch was skipped because of an unmet condition check
(ConditionPathExists=!/run/plymouth/pid).
[ 1.294940] systemd[1]: Started systemd-ask-password-plymouth.path - Forward
Password Requests to Plymouth Directory Watch.
[ 1.294980] systemd[1]: Reached target paths.target - Path Units.
[ 1.295447] cryptd: max_cpu_qlen set to 1000
[ 1.297067] ccp 0000:0e:00.1: ccp: unable to access the device: you might be running a
broken BIOS.
[ 1.297140] ccp 0000:0e:00.1: psp enabled
[ 1.306782] nvme nvme0: pci function 0000:01:00.0
[ 1.306784] nvme nvme1: pci function 0000:04:00.0
[ 1.308398] AES CTR mode by8 optimization enabled
[ 1.310437] systemd[1]: systemd-vconsole-setup.service: Deactivated successfully.
[ 1.310479] systemd[1]: Stopped systemd-vconsole-setup.service - Virtual Console Setup.
[ 1.310520] systemd[1]: Stopping systemd-vconsole-setup.service - Virtual Console
Setup...
[ 1.310688] nvme nvme0: missing or invalid SUBNQN field.
[ 1.319130] usb 1-4: New USB device found, idVendor=05ac, idProduct=024f, bcdDevice=
2.00
[ 1.319136] usb 1-4: New USB device strings: Mfr=0, Product=1, SerialNumber=0
[ 1.319138] usb 1-4: Product: USB Dongle
[ 1.319775] nvme nvme0: allocated 64 MiB host memory buffer.
[ 1.323370] systemd[1]: Starting systemd-vconsole-setup.service - Virtual Console
Setup...
[ 1.334426] nvme nvme0: 8/0/0 default/read/poll queues
[ 1.338656] nvme nvme0: Ignoring bogus Namespace Identifiers
[ 1.340675] nvme0n1: p1
[ 1.347954] nvme nvme1: allocated 64 MiB host memory buffer.
[ 1.349226] tsc: Refined TSC clocksource calibration: 3699.998 MHz
[ 1.349232] clocksource: tsc: mask: 0xffffffffffffff max_cycles: 0x6aaaa638e3b,
max_idle_ns: 881590585313 ns
[ 1.349258] clocksource: Switched to clocksource tsc
[ 1.352741] systemd[1]: Finished systemd-vconsole-setup.service - Virtual Console Setup.
[ 1.358285] hid-generic 0003:046D:C52B.0004: input,hidraw3: USB HID v1.11 Keyboard
[Logitech USB Receiver] on usb-0000:07:00.1-3/input0
```

[1.364355] input: Logitech USB Receiver Mouse as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.1/00
03:046D:C52B.0007/input/input7

[1.364415] input: Logitech USB Receiver Consumer Control as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.1/00
03:046D:C52B.0007/input/input8

[1.386048] nvme nvme1: 12/0/0 default/read/poll queues

[1.387775] nvme1n1: p1 p2 p3

[1.415323] input: Logitech USB Receiver System Control as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.1/00
03:046D:C52B.0007/input/input9

[1.415423] hid-generic 0003:046D:C52B.0007: input,hiddev98,hidraw4: USB HID v1.11
Mouse [Logitech USB Receiver] on usb-0000:07:00.1-3/input1

[1.420413] hid-generic 0003:046D:C52B.0009: hiddev99,hidraw5: USB HID v1.11 Device
[Logitech USB Receiver] on usb-0000:07:00.1-3/input2

[1.420446] usbcore: registered new interface driver usbhid

[1.420448] usbhid: USB HID core driver

[1.482226] usb 1-5: new high-speed USB device number 5 using xhci_hcd

[1.607751] usb 1-5: New USB device found, idVendor=1b1c, idProduct=0c1c,
bcdDevice= 1.00

[1.607755] usb 1-5: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[1.607757] usb 1-5: Product: CORSAIR iCUE Commander CORE

[1.607759] usb 1-5: Manufacturer: Corsair

[1.607760] usb 1-5: SerialNumber: 92093030520a90aab1f1bbf54091005f

[1.613478] hid-generic 0003:1B1C:0C1C.000A: hiddev100,hidraw6: USB HID v1.00
Device [Corsair CORSAIR iCUE Commander CORE] on usb-0000:07:00.1-5/input0

[1.614732] hid-generic 0003:1B1C:0C1C.000B: hiddev101,hidraw7: USB HID v1.00
Device [Corsair CORSAIR iCUE Commander CORE] on usb-0000:07:00.1-5/input1

[1.629103] systemd[1]: Started systemd-journald.service - Journal Service.

[2.889791] [drm] amdgpu kernel modesetting enabled.

[2.899138] amdgpu: Virtual CRAT table created for CPU

[2.899148] amdgpu: Topology: Add CPU node

[2.899176] amdgpu: Overdrive is enabled, please disable it before reporting any bugs.

[2.899177] amdgpu: Overdrive is enabled, please disable it before reporting any bugs.

[2.899331] [drm] initializing kernel modesetting (IP DISCOVERY 0x1002:0x7480
0x1458:0x2418 0xC0).

[2.899345] [drm] register mmio base: 0xFCC00000

[2.899346] [drm] register mmio size: 1048576

[2.903927] [drm] add ip block number 0 <soc21_common>

[2.903929] [drm] add ip block number 1 <gmc_v11_0>

[2.903931] [drm] add ip block number 2 <ih_v6_0>

[2.903932] [drm] add ip block number 3 <psp>

[2.903934] [drm] add ip block number 4 <smu>

[2.903935] [drm] add ip block number 5 <dm>

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[ 2.903936] [drm] add ip block number 6 <gfx_v11_0>
[ 2.903938] [drm] add ip block number 7 <sdma_v6_0>
[ 2.903939] [drm] add ip block number 8 <vcn_v4_0>
[ 2.903940] [drm] add ip block number 9 <jpeg_v4_0>
[ 2.903942] [drm] add ip block number 10 <mes_v11_0>
[ 2.915374] [drm] BIOS signature incorrect 0 0
[ 2.917865] amdgpu 0000:0c:00.0: amdgpu: Fetched VBIOS from platform
[ 2.917868] amdgpu: ATOM BIOS: 113-APM7076OC-100
[ 2.941351] amdgpu 0000:0c:00.0: amdgpu: CP RS64 enable
[ 2.969394] Console: switching to colour dummy device 80x25
[ 2.969423] amdgpu 0000:0c:00.0: vgaarb: deactivate vga console
[ 2.969425] amdgpu 0000:0c:00.0: amdgpu: Trusted Memory Zone (TMZ) feature not
supported
[ 2.969486] [drm] vm size is 262144 GB, 4 levels, block size is 9-bit, fragment size is 9-bit
[ 2.969494] amdgpu 0000:0c:00.0: amdgpu: VRAM: 16368M 0x0000008000000000 -
0x00000083FEFFFFFF (16368M used)
[ 2.969496] amdgpu 0000:0c:00.0: amdgpu: GART: 512M 0x00007FFF00000000 -
0x00007FFF1FFFFFFF
[ 2.969504] [drm] Detected VRAM RAM=16368M, BAR=256M
[ 2.969506] [drm] RAM width 128bits GDDR6
[ 2.969579] [drm] amdgpu: 16368M of VRAM memory ready
[ 2.969581] [drm] amdgpu: 15998M of GTT memory ready.
[ 2.969594] [drm] GART: num cpu pages 131072, num gpu pages 131072
[ 2.969711] [drm] PCIE GART of 512M enabled (table at 0x0000008000300000).
[ 2.970670] [drm] Loading DMUB firmware via PSP: version=0x07002A00
[ 2.970859] [drm] Found VCN firmware Version ENC: 1.22 DEC: 9 VEP: 0 Revision: 12
[ 3.028454] amdgpu 0000:0c:00.0: amdgpu: reserve 0x1300000 from 0x83fc000000 for
PSP TMR
[ 3.044570] logitech-djreceiver 0003:046D:C52B.0009: hiddev98,hidraw3: USB HID v1.11
Device [Logitech USB Receiver] on usb-0000:07:00.1-3/input2
[ 3.122974] amdgpu 0000:0c:00.0: amdgpu: RAS: optional ras ta ucode is not available
[ 3.130450] amdgpu 0000:0c:00.0: amdgpu: RAP: optional rap ta ucode is not available
[ 3.130452] amdgpu 0000:0c:00.0: amdgpu: SECUREDISPLAY: securedisplay ta ucode is
not available
[ 3.130519] amdgpu 0000:0c:00.0: amdgpu: smu driver if version = 0x00000035, smu fw if
version = 0x00000040, smu fw program = 0, smu fw version = 0x00525c00 (82.92.0)
[ 3.130522] amdgpu 0000:0c:00.0: amdgpu: SMU driver if version not matched
[ 3.149347] input: Logitech Wireless Device PID:4071 Keyboard as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.2/00
03:046D:C52B.0009/0003:046D:4071.000C/input/input11
[ 3.160579] input: USB Dongle as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-4/1-4:1.0/00
03:05AC:024F.0005/input/input16
[ 3.175952] amdgpu 0000:0c:00.0: amdgpu: SMU is initialized successfully!
```

[3.176396] [drm] Display Core v3.2.301 initialized on DCN 3.2.1
[3.176399] [drm] DP-HDMI FRL PCON supported
[3.178185] [drm] DMUB hardware initialized: version=0x07002A00
[3.210285] input: Logitech Wireless Device PID:4071 Mouse as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.2/0003:046D:C52B.0009/0003:046D:4071.000C/input/input12
[3.213825] BTRFS: device fsid 42981282-a114-417e-b3ba-32b0295a0725 devid 1 transid 151920 /dev/nvme1n1p3 (259:5) scanned by mount (438)
[3.214031] BTRFS info (device nvme1n1p3): first mount of filesystem 42981282-a114-417e-b3ba-32b0295a0725
[3.214039] BTRFS info (device nvme1n1p3): using crc32c (crc32c-intel) checksum algorithm
[3.214042] BTRFS info (device nvme1n1p3): using free-space-tree
[3.255321] apple 0003:05AC:024F.0005: input,hidraw4: USB HID v1.10 Keyboard [USB Dongle] on usb-0000:07:00.1-4/input0
[3.255351] hid-generic 0003:046D:4071.000C: input,hidraw5: USB HID v1.11 Keyboard [Logitech Wireless Device PID:4071] on usb-0000:07:00.1-3/input2:1
[3.255511] input: USB Dongle as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-4/1-4:1.1/0003:05AC:024F.0006/input/input17
[3.350311] apple 0003:05AC:024F.0006: input,hidraw8: USB HID v1.10 Keyboard [USB Dongle] on usb-0000:07:00.1-4/input1
[3.350375] apple 0003:05AC:024F.0008: Fn key not found (Apple Wireless Keyboard clone?), disabling Fn key handling
[3.350405] input: USB Dongle as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-4/1-4:1.2/0003:05AC:024F.0008/input/input18
[3.370316] apple 0003:05AC:024F.0008: input,hiddev99,hidraw5: USB HID v1.10 Mouse [USB Dongle] on usb-0000:07:00.1-4/input2
[3.375307] input: Logitech MX Master as
/devices/pci0000:00/0000:00:01.2/0000:02:00.0/0000:03:08.0/0000:07:00.1/usb1/1-3/1-3:1.2/0003:046D:C52B.0009/0003:046D:4071.000C/input/input19
[3.432277] logitech-hidpp-device 0003:046D:4071.000C: input,hidraw9: USB HID v1.11 Keyboard [Logitech MX Master] on usb-0000:07:00.1-3/input2:1
[3.600350] amdgpu 0000:0c:00.0: [drm] REG_WAIT timeout 1us * 150000 tries - optc32_disable_crtc line:195
[3.715659] amdgpu: HMM registered 16368MB device memory
[3.716878] kfd kfd: amdgpu: Allocated 3969056 bytes on gart
[3.716889] kfd kfd: amdgpu: Total number of KFD nodes to be created: 1
[3.716918] amdgpu: Virtual CRAT table created for GPU
[3.717013] amdgpu: Topology: Add dGPU node [0x7480:0x1002]
[3.717015] kfd kfd: amdgpu: added device 1002:7480
[3.717028] amdgpu 0000:0c:00.0: amdgpu: SE 2, SH per SE 2, CU per SH 8, active_cu_number 32

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[ 3.717033] amdgpu 0000:0c:00.0: amdgpu: ring gfx_0.0.0 uses VM inv eng 0 on hub 0
[ 3.717034] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.0 uses VM inv eng 1 on hub 0
[ 3.717036] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.0 uses VM inv eng 4 on hub 0
[ 3.717037] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.0 uses VM inv eng 6 on hub 0
[ 3.717039] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.0 uses VM inv eng 7 on hub 0
[ 3.717040] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.1 uses VM inv eng 8 on hub 0
[ 3.717041] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.1 uses VM inv eng 9 on hub 0
[ 3.717043] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.1 uses VM inv eng 10 on hub
0
[ 3.717044] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.1 uses VM inv eng 11 on hub
0
[ 3.717045] amdgpu 0000:0c:00.0: amdgpu: ring sdma0 uses VM inv eng 12 on hub 0
[ 3.717047] amdgpu 0000:0c:00.0: amdgpu: ring sdma1 uses VM inv eng 13 on hub 0
[ 3.717048] amdgpu 0000:0c:00.0: amdgpu: ring vcn_unified_0 uses VM inv eng 0 on hub
8
[ 3.717049] amdgpu 0000:0c:00.0: amdgpu: ring jpeg_dec uses VM inv eng 1 on hub 8
[ 3.717051] amdgpu 0000:0c:00.0: amdgpu: ring mes_kiq_3.1.0 uses VM inv eng 14 on
hub 0
[ 3.718299] [drm] ring gfx_32768.1.1 was added
[ 3.718661] [drm] ring compute_32768.2.2 was added
[ 3.718973] [drm] ring sdma_32768.3.3 was added
[ 3.719038] [drm] ring gfx_32768.1.1 ib test pass
[ 3.719108] [drm] ring compute_32768.2.2 ib test pass
[ 3.719148] [drm] ring sdma_32768.3.3 ib test pass
[ 3.721404] amdgpu 0000:0c:00.0: amdgpu: Using BACO for runtime pm
[ 3.721834] [drm] Initialized amdgpu 3.59.0 for 0000:0c:00.0 on minor 0
[ 3.726735] fbcon: amdgpudrmfb (fb0) is primary device
[ 3.726861] [drm] pre_validate_dsc:1589 MST_DSC dsc precompute is not needed
[ 4.163353] amdgpu 0000:0c:00.0: [drm] REG_WAIT timeout 1us * 150000 tries -
optc32_disable_crtc line:195
[ 4.184453] Console: switching to colour frame buffer device 160x45
[ 4.193124] amdgpu 0000:0c:00.0: [drm] fb0: amdgpudrmfb frame buffer device
[ 4.275408] systemd-journald[209]: Received SIGTERM from PID 1 (systemd).
[ 4.330811] systemd[1]: systemd 255.16-1.fc40 running in system mode (+PAM +AUDIT
+SELINUX -APPARMOR +IMA +SMACK +SECCOMP -GCRYPT +GNUTLS +OPENSSL +ACL
+BLKID +CURL +ELFUTILS +FIDO2 +IDN2 -IDN -IPTC +KMOD +LIBCRYPTSETUP
+LIBFDISK +PCRE2 +PWQUALITY +P11KIT +QRENCODE +TPM2 +BZIP2 +LZ4 +XZ +ZLIB
+ZSTD +BPF_FRAMEWORK +XKBCOMMON +UTMP +SYSVINIT default-hierarchy=unified)
[ 4.330815] systemd[1]: Detected architecture x86-64.
[ 4.416228] systemd[1]: bpf-lsm: LSM BPF program attached
[ 4.494892] zram: Added device: zram0
[ 4.594940] systemd[1]: initrd-switch-root.service: Deactivated successfully.
[ 4.595031] systemd[1]: Stopped initrd-switch-root.service - Switch Root.
```

[4.595599] systemd[1]: systemd-journald.service: Scheduled restart job, restart counter is at 1.

[4.595937] systemd[1]: Created slice system-akmods\x2dkeygen.slice - Slice /system/akmods-keygen.

[4.596202] systemd[1]: Created slice system-getty.slice - Slice /system/getty.

[4.596487] systemd[1]: Created slice system-systemd\x2dfsck.slice - Slice /system/systemd-fsck.

[4.596755] systemd[1]: Created slice system-systemd\x2dzram\x2dsetup.slice - Slice /system/systemd-zram-setup.

[4.596943] systemd[1]: Created slice user.slice - User and Session Slice.

[4.596971] systemd[1]: systemd-ask-password-console.path - Dispatch Password Requests to Console Directory Watch was skipped because of an unmet condition check (ConditionPathExists=!/run/plymouth/pid).

[4.597016] systemd[1]: Started systemd-ask-password-wall.path - Forward Password Requests to Wall Directory Watch.

[4.597145] systemd[1]: Set up automount proc-sys-fs-binfmt_misc.automount - Arbitrary Executable File Formats File System Automount Point.

[4.597171] systemd[1]: Expecting device dev-disk-by\x2duuid-21a9d644\x2d9a4a\x2d4adf\x2da130\x2d08cb34e8e624.device - /dev/disk/by-uuid/21a9d644-9a4a-4adf-a130-08cb34e8e624...

[4.597185] systemd[1]: Expecting device dev-disk-by\x2duuid-42981282\x2da114\x2d417e\x2db3ba\x2d32b0295a0725.device - /dev/disk/by-uuid/42981282-a114-417e-b3ba-32b0295a0725...

[4.597199] systemd[1]: Expecting device dev-disk-by\x2duuid-695c109c\x2db716\x2d4ff9\x2dbbea\x2d111622d4a568.device - /dev/disk/by-uuid/695c109c-b716-4ff9-bbea-111622d4a568...

[4.597213] systemd[1]: Expecting device dev-disk-by\x2duuid-E5A4\x2d908A.device - /dev/disk/by-uuid/E5A4-908A...

[4.597242] systemd[1]: Expecting device dev-disk-by\x2duuid-c82c7ff7\x2d2831\x2d4233\x2dac0a\x2d4063623486aa.device - /dev/disk/by-uuid/c82c7ff7-2831-4233-ac0a-4063623486aa...

[4.597282] systemd[1]: Expecting device dev-zram0.device - /dev/zram0...

[4.597314] systemd[1]: Reached target cryptsetup.target - Local Encrypted Volumes.

[4.597339] systemd[1]: Reached target getty.target - Login Prompts.

[4.597366] systemd[1]: Stopped target initrd-switch-root.target - Switch Root.

[4.597385] systemd[1]: Stopped target initrd-fs.target - Initrd File Systems.

[4.597400] systemd[1]: Stopped target initrd-root-fs.target - Initrd Root File System.

[4.597419] systemd[1]: Reached target integritysetup.target - Local Integrity Protected Volumes.

[4.597455] systemd[1]: Reached target remote-cryptsetup.target - Remote Encrypted Volumes.

[4.597474] systemd[1]: Reached target remote-fs.target - Remote File Systems.

[4.597494] systemd[1]: Reached target slices.target - Slice Units.

[4.597522] systemd[1]: Reached target veritysetup.target - Local Verity Protected Volumes.

[4.597605] systemd[1]: Listening on dm-event.socket - Device-mapper event daemon FIFOs.

[4.597864] systemd[1]: Listening on lvm2-lvmpolld.socket - LVM2 poll daemon socket.

[4.598593] systemd[1]: Listening on systemd-coredump.socket - Process Core Dump Socket.

[4.598644] systemd[1]: Listening on systemd-initctl.socket - initctl Compatibility Named Pipe.

[4.598784] systemd[1]: Listening on systemd-journald-audit.socket - Journal Audit Socket.

[4.599019] systemd[1]: Listening on systemd-oomd.socket - Userspace Out-Of-Memory (OOM) Killer Socket.

[4.599053] systemd[1]: systemd-pcrextend.socket - TPM2 PCR Extension (Varlink) was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.599459] systemd[1]: Listening on systemd-udev-control.socket - udev Control Socket.

[4.599535] systemd[1]: Listening on systemd-udev-kernel.socket - udev Kernel Socket.

[4.599819] systemd[1]: Listening on systemd-userdbd.socket - User Database Manager Socket.

[4.616284] systemd[1]: Mounting dev-hugepages.mount - Huge Pages File System...

[4.616900] systemd[1]: Mounting dev-mqueue.mount - POSIX Message Queue File System...

[4.617333] systemd[1]: Mounting sys-kernel-debug.mount - Kernel Debug File System...

[4.617843] systemd[1]: Mounting sys-kernel-tracing.mount - Kernel Trace File System...

[4.618365] systemd[1]: Starting apparmor.service - Load AppArmor profiles...

[4.618781] systemd[1]: iscsi-starter.service was skipped because of an unmet condition check (ConditionDirectoryNotEmpty=/var/lib/iscsi/nodes).

[4.619311] systemd[1]: Starting kmod-static-nodes.service - Create List of Static Device Nodes...

[4.619802] systemd[1]: Starting lvm2-monitor.service - Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling...

[4.620343] systemd[1]: Starting modprobe@configfs.service - Load Kernel Module configfs...

[4.620837] systemd[1]: Starting modprobe@dm_mod.service - Load Kernel Module dm_mod...

[4.621373] systemd[1]: Starting modprobe@drm.service - Load Kernel Module drm...

[4.622074] systemd[1]: Starting modprobe@efi_pstore.service - Load Kernel Module efi_pstore...

[4.622735] systemd[1]: Starting modprobe@fuse.service - Load Kernel Module fuse...

[4.623421] systemd[1]: Starting modprobe@loop.service - Load Kernel Module loop...

[4.623459] systemd[1]: plymouth-switch-root.service: Deactivated successfully.

[4.623501] systemd[1]: Stopped plymouth-switch-root.service - Plymouth switch root service.

[4.623617] systemd[1]: systemd-fsck-root.service: Deactivated successfully.

[4.623667] systemd[1]: Stopped systemd-fsck-root.service - File System Check on Root Device.

[4.624820] systemd[1]: Starting systemd-journald.service - Journal Service...

[4.625486] systemd[1]: Starting systemd-modules-load.service - Load Kernel Modules...

[4.626097] systemd[1]: Starting systemd-network-generator.service - Generate network units from Kernel command line...

[4.626131] systemd[1]: systemd-pcrmachine.service - TPM2 PCR Machine ID Measurement was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.626732] systemd[1]: Starting systemd-remount-fs.service - Remount Root and Kernel File Systems...

[4.626794] systemd[1]: systemd-tpm2-setup-early.service - TPM2 SRK Setup (Early) was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.627426] systemd[1]: Starting systemd-udev-trigger.service - Coldplug All udev Devices...

[4.628339] systemd[1]: Mounted dev-hugepages.mount - Huge Pages File System.

[4.628440] systemd[1]: Mounted dev-mqueue.mount - POSIX Message Queue File System.

[4.628522] systemd[1]: Mounted sys-kernel-debug.mount - Kernel Debug File System.

[4.628598] systemd[1]: Mounted sys-kernel-tracing.mount - Kernel Trace File System.

[4.628749] systemd[1]: Finished kmod-static-nodes.service - Create List of Static Device Nodes.

[4.628932] systemd[1]: modprobe@configfs.service: Deactivated successfully.

[4.629029] systemd[1]: Finished modprobe@configfs.service - Load Kernel Module configfs.

[4.629247] systemd[1]: modprobe@drm.service: Deactivated successfully.

[4.629367] systemd[1]: Finished modprobe@drm.service - Load Kernel Module drm.

[4.629596] systemd[1]: modprobe@efi_pstore.service: Deactivated successfully.

[4.629718] systemd[1]: Finished modprobe@efi_pstore.service - Load Kernel Module efi_pstore.

[4.629962] systemd[1]: modprobe@fuse.service: Deactivated successfully.

[4.630081] systemd[1]: Finished modprobe@fuse.service - Load Kernel Module fuse.

[4.630752] systemd[1]: Mounting sys-fs-fuse-connections.mount - FUSE Control File System...

[4.631395] systemd[1]: Starting systemd-tmpfiles-setup-dev-early.service - Create Static Device Nodes in /dev gracefully...

[4.631572] loop: module loaded

[4.631606] systemd[1]: Finished systemd-network-generator.service - Generate network units from Kernel command line.

[4.631618] device-mapper: uevent: version 1.0.3

[4.631667] device-mapper: ioctl: 4.48.0-ioclt (2023-03-01) initialised:
dm-devel@lists.linux.dev

[4.631981] systemd[1]: modprobe@loop.service: Deactivated successfully.

[4.632078] systemd[1]: Finished modprobe@loop.service - Load Kernel Module loop.

[4.632308] systemd[1]: modprobe@dm_mod.service: Deactivated successfully.

[4.632340] BTRFS info (device nvme1n1p3 state M): use zstd compression, level 1

[4.632407] systemd[1]: Finished modprobe@dm_mod.service - Load Kernel Module dm_mod.

[4.633059] systemd[1]: Finished systemd-modules-load.service - Load Kernel Modules.

[4.633928] systemd[1]: Finished systemd-remount-fs.service - Remount Root and Kernel File Systems.

[4.634479] systemd[1]: Mounted sys-fs-fuse-connections.mount - FUSE Control File System.

[4.634597] systemd[1]: iscsi-onboot.service - Special handling of early boot iSCSI sessions was skipped because of an unmet condition check (ConditionDirectoryNotEmpty=/sys/class/iscsi_session).

[4.636511] systemd[1]: systemd-hwdb-update.service - Rebuild Hardware Database was skipped because of an unmet condition check (ConditionNeedsUpdate=/etc).

[4.636552] systemd[1]: systemd-pstore.service - Platform Persistent Storage Archival was skipped because of an unmet condition check (ConditionDirectoryNotEmpty=/sys/fs/pstore).

[4.636722] systemd-journald[558]: Collecting audit messages is enabled.

[4.637513] systemd[1]: Starting systemd-random-seed.service - Load/Save OS Random Seed...

[4.637571] systemd[1]: systemd-repart.service - Repartition Root Disk was skipped because no trigger condition checks were met.

[4.638716] systemd[1]: Starting systemd-sysctl.service - Apply Kernel Variables...

[4.638750] systemd[1]: systemd-tpm2-setup.service - TPM2 SRK Setup was skipped because of an unmet condition check (ConditionSecurity=measured-uki).

[4.642916] systemd[1]: Started systemd-journald.service - Journal Service.

[4.643003] audit: type=1130 audit(1745703231.760:2): pid=1 uid=0 auid=4294967295 ses=4294967295 subj=unconfined msg='unit=systemd-journald comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

[4.652525] audit: type=1400 audit(1745703231.770:3): apparmor="STATUS" operation="profile_load" profile="unconfined" name="klogd" pid=579 comm="apparmor_parser"

[4.657407] audit: type=1334 audit(1745703231.775:4): prog-id=34 op=LOAD

[4.657516] audit: type=1334 audit(1745703231.775:5): prog-id=35 op=LOAD

[4.657559] audit: type=1334 audit(1745703231.775:6): prog-id=36 op=LOAD

[4.659645] audit: type=1400 audit(1745703231.777:7): apparmor="STATUS" operation="profile_load" profile="unconfined" name="lsb_release" pid=571 comm="apparmor_parser"

[4.663659] audit: type=1400 audit(1745703231.781:8): apparmor="STATUS" operation="profile_load" profile="unconfined" name="ping" pid=570 comm="apparmor_parser"

[4.666399] audit: type=1400 audit(1745703231.784:9): apparmor="STATUS" operation="profile_load" profile="unconfined" name="samba-rpcd" pid=576 comm="apparmor_parser"

[4.668318] audit: type=1400 audit(1745703231.786:10): apparmor="STATUS" operation="profile_load" profile="unconfined" name="samba-rpcd-spoolss" pid=578 comm="apparmor_parser"

[4.687460] systemd-journald[558]: Received client request to flush runtime journal.

[4.713973] systemd-journald[558]:
/var/log/journal/2ef2ecc016114874a9f4288eb1293ff7/system.journal: Journal file uses a different sequence number ID, rotating.

[4.713980] systemd-journald[558]: Rotating system journal.

[4.978279] zram0: detected capacity change from 0 to 16777216

[5.047664] input: PC Speaker as /devices/platform/pcspkr/input/input20

[5.073110] Adding 8388604k swap on /dev/zram0. Priority:100 extents:1 across:8388604k SSDsc

[5.073553] usbcore: registered new device driver apple-mfi-fastcharge

[5.076250] piix4_smbus 0000:00:14.0: SMBus Host Controller at 0xb00, revision 0

[5.076253] piix4_smbus 0000:00:14.0: Using register 0x02 for SMBus port selection

[5.084909] i2c i2c-6: Successfully instantiated SPD at 0x50

[5.085299] i2c i2c-6: Successfully instantiated SPD at 0x51

[5.088440] i2c i2c-6: Successfully instantiated SPD at 0x52

[5.090076] i2c i2c-6: Successfully instantiated SPD at 0x53

[5.090557] i8042: PNP: No PS/2 controller found.

[5.090918] cfg80211: Loading compiled-in X.509 certificates for regulatory database

[5.091031] Loaded X.509 cert 'sforshee: 00b28ddf47aef9cea7'

[5.091137] Loaded X.509 cert 'wens: 61c038651aabdcf94bd0ac7ff06c7248db18c600'

[5.092785] piix4_smbus 0000:00:14.0: Auxiliary SMBus Host Controller at 0xb20

[5.096614] RAPL PMU: API unit is 2[^]-32 Joules, 2 fixed counters, 163840 ms ovfl timer

[5.096617] RAPL PMU: hw unit of domain package 2[^]-16 Joules

[5.096619] RAPL PMU: hw unit of domain core 2[^]-16 Joules

[5.108709] mousedev: PS/2 mouse device common for all mice

[5.117577] r8169 0000:06:00.0 eth0: RTL8168h/8111h, f0:2f:74:db:11:96, XID 541, IRQ 107

[5.117582] r8169 0000:06:00.0 eth0: jumbo features [frames: 9194 bytes, tx checksumming: ko]

[5.120897] Bluetooth: Core ver 2.22

[5.120921] NET: Registered PF_BLUETOOTH protocol family

[5.120923] Bluetooth: HCI device and connection manager initialized

[5.120926] Bluetooth: HCI socket layer initialized

[5.120928] Bluetooth: L2CAP socket layer initialized

[5.120932] Bluetooth: SCO socket layer initialized

[5.130074] Intel(R) Wireless WiFi driver for Linux

[5.130126] asus_wmi: ASUS WMI generic driver loaded

[5.141640] iwlmwifi 0000:05:00.0: enabling device (0000 -> 0002)

[5.143692] iwlmwifi 0000:05:00.0: Detected crf-id 0x2816, cnv-id 0x1000200 wfpm id 0x80000000

[5.143701] iwlmwifi 0000:05:00.0: PCI dev 2526/0014, rev=0x321, rfid=0x105110

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[ 5.143705] iwlfwif 0000:05:00.0: Detected Intel(R) Wireless-AC 9260 160MHz
[ 5.172490] iwlfwif 0000:05:00.0: WRT: Overriding region id 0
[ 5.172495] iwlfwif 0000:05:00.0: WRT: Overriding region id 1
[ 5.172497] iwlfwif 0000:05:00.0: WRT: Overriding region id 2
[ 5.172500] iwlfwif 0000:05:00.0: WRT: Overriding region id 3
[ 5.172502] iwlfwif 0000:05:00.0: WRT: Overriding region id 4
[ 5.172504] iwlfwif 0000:05:00.0: WRT: Overriding region id 6
[ 5.172506] iwlfwif 0000:05:00.0: WRT: Overriding region id 8
[ 5.172508] iwlfwif 0000:05:00.0: WRT: Overriding region id 9
[ 5.172510] iwlfwif 0000:05:00.0: WRT: Overriding region id 10
[ 5.172512] iwlfwif 0000:05:00.0: WRT: Overriding region id 11
[ 5.172514] iwlfwif 0000:05:00.0: WRT: Overriding region id 15
[ 5.172516] iwlfwif 0000:05:00.0: WRT: Overriding region id 16
[ 5.172518] iwlfwif 0000:05:00.0: WRT: Overriding region id 18
[ 5.172520] iwlfwif 0000:05:00.0: WRT: Overriding region id 19
[ 5.172522] iwlfwif 0000:05:00.0: WRT: Overriding region id 20
[ 5.172524] iwlfwif 0000:05:00.0: WRT: Overriding region id 21
[ 5.172526] iwlfwif 0000:05:00.0: WRT: Overriding region id 28
[ 5.172782] iwlfwif 0000:05:00.0: loaded firmware version 46.7e3e4b69.0
9260-th-b0-jf-b0-46.ucode op_mode iwlmvm
[ 5.183061] asus_wmi: failed to register LPS0 sleep handler in asus-wmi
[ 5.183967] asus_wmi: Initialization: 0x0
[ 5.184023] asus_wmi: BIOS WMI version: 0.9
[ 5.184341] asus_wmi: SFUN value: 0x0
[ 5.184344] eeepc-wmi eeepc-wmi: Detected ASUSWMI, use DCTS
[ 5.184646] pps_core: LinuxPPS API ver. 1 registered
[ 5.184648] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti
<giometti@linux.it>
[ 5.187531] EXT4-fs (nvme1n1p2): mounted filesystem
21a9d644-9a4a-4adf-a130-08cb34e8e624 r/w with ordered data mode. Quota mode: none.
[ 5.188637] input: Eee PC WMI hotkeys as /devices/platform/eeepc-wmi/input/input21
[ 5.195175] PTP clock support registered
[ 5.195222] EXT4-fs (nvme0n1p1): mounted filesystem
c82c7ff7-2831-4233-ac0a-4063623486aa r/w with ordered data mode. Quota mode: none.
[ 5.197395] r8169 0000:06:00.0 enp6s0: renamed from eth0
[ 5.199085] kvm_amd: TSC scaling supported
[ 5.199087] kvm_amd: Nested Virtualization enabled
[ 5.199088] kvm_amd: Nested Paging enabled
[ 5.199090] kvm_amd: LBR virtualization supported
[ 5.199094] kvm_amd: Virtual VMLOAD VMSAVE supported
[ 5.199095] kvm_amd: Virtual GIF supported
[ 5.202454] ee1004 6-0050: 512 byte EE1004-compliant SPD EEPROM, read-only
[ 5.203848] ee1004 6-0051: 512 byte EE1004-compliant SPD EEPROM, read-only
[ 5.205010] ee1004 6-0052: 512 byte EE1004-compliant SPD EEPROM, read-only
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[ 5.206573] ee1004 6-0053: 512 byte EE1004-compliant SPD EEPROM, read-only
[ 5.212239] usb 5-2: Found UVC 1.00 device USB Camera (0c45:636b)
[ 5.218205] EXT4-fs (sda1): mounted filesystem 695c109c-b716-4ff9-bbea-111622d4a568
r/w with ordered data mode. Quota mode: none.
[ 5.236536] input: USB Camera: USB Camera as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.3/usb5/5-2/5-2:1.0/input/input22
[ 5.236597] usbcore: registered new interface driver uvcvideo
[ 5.257589] kauditd_printk_skb: 174 callbacks suppressed
[ 5.257592] audit: type=1400 audit(1745703232.374:89): apparmor="STATUS"
operation="profile_replace" info="same as current profile, skipping" profile="unconfined"
name="samba-dcerpcd" pid=1038 comm="apparmor_parser"
[ 5.257605] audit: type=1300 audit(1745703232.374:89): arch=c000003e syscall=1
success=yes exit=43227 a0=5 a1=5aee01ec4920 a2=a8db a3=0 items=0 ppid=1037 pid=1038
aid=4294967295 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=(none)
ses=4294967295 comm="apparmor_parser" exe="/usr/sbin/apparmor_parser" subj=unconfined
key=(null)
[ 5.257609] audit: type=1327 audit(1745703232.374:89):
proctitle=2F7362696E2F61707061726D6F725F706172736572002D492F6574632F617070617
26D6F722E64002D2D62617365002F6574632F61707061726D6F722E64002D72002F6574632
F61707061726D6F722E642F73616D62612D64636572706364
[ 5.266137] intel_rapl_common: Found RAPL domain package
[ 5.266139] intel_rapl_common: Found RAPL domain core
[ 5.267259] amd_atl: AMD Address Translation Library initialized
[ 5.267430] snd_hda_intel 0000:0c:00.1: Handle vga_switcheroo audio client
[ 5.267434] snd_hda_intel 0000:0c:00.1: Force to non-snoop mode
[ 5.267639] snd_hda_intel 0000:0e:00.4: enabling device (0000 -> 0002)
[ 5.270358] usb 5-2: 3:1: cannot get freq at ep 0x84
[ 5.279577] snd_hda_intel 0000:0c:00.1: bound 0000:0c:00.0 (ops
amdgpu_dm_audio_component_bind_ops [amdgpu])
[ 5.280061] audit: type=1400 audit(1745703232.397:90): apparmor="STATUS"
operation="profile_replace" info="same as current profile, skipping" profile="unconfined"
name="samba-bgqd" pid=1046 comm="apparmor_parser"
[ 5.280072] audit: type=1300 audit(1745703232.397:90): arch=c000003e syscall=1
success=yes exit=42297 a0=5 a1=55974a428190 a2=a539 a3=0 items=0 ppid=1045 pid=1046
aid=4294967295 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=(none)
ses=4294967295 comm="apparmor_parser" exe="/usr/sbin/apparmor_parser" subj=unconfined
key=(null)
[ 5.280076] audit: type=1327 audit(1745703232.397:90):
proctitle=2F7362696E2F61707061726D6F725F706172736572002D492F6574632F617070617
26D6F722E64002D2D62617365002F6574632F61707061726D6F722E64002D72002F6574632
F61707061726D6F722E642F73616D62612D62677164
[ 5.280364] input: HDA ATI HDMI HDMI/DP,pcm=3 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
3
```

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[ 5.280403] input: HDA ATI HDMI HDMI/DP,pcm=7 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
4
[ 5.280443] input: HDA ATI HDMI HDMI/DP,pcm=8 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
5
[ 5.280476] input: HDA ATI HDMI HDMI/DP,pcm=9 as
/devices/pci0000:00/0000:00:03.1/0000:0a:00.0/0000:0b:00.0/0000:0c:00.1/sound/card1/input2
6
[ 5.283459] usbcore: registered new interface driver snd-usb-audio
[ 5.288602] snd_hda_codec_realtek hdaudioC2D0: ALCS1200A: SKU not ready
0x00000000
[ 5.289104] snd_hda_codec_realtek hdaudioC2D0: autoconfig for ALCS1200A:
line_outs=3 (0x14/0x15/0x16/0x0/0x0) type:line
[ 5.289107] snd_hda_codec_realtek hdaudioC2D0: speaker_outs=0
(0x0/0x0/0x0/0x0/0x0)
[ 5.289109] snd_hda_codec_realtek hdaudioC2D0: hp_outs=1 (0x1b/0x0/0x0/0x0/0x0)
[ 5.289111] snd_hda_codec_realtek hdaudioC2D0: mono: mono_out=0x0
[ 5.289112] snd_hda_codec_realtek hdaudioC2D0: dig-out=0x1e/0x0
[ 5.289113] snd_hda_codec_realtek hdaudioC2D0: inputs:
[ 5.289115] snd_hda_codec_realtek hdaudioC2D0: Rear Mic=0x18
[ 5.289116] snd_hda_codec_realtek hdaudioC2D0: Front Mic=0x19
[ 5.289118] snd_hda_codec_realtek hdaudioC2D0: Line=0x1a
[ 5.302318] audit: type=1400 audit(1745703232.419:91): apparmor="STATUS"
operation="profile_replace" info="same as current profile, skipping" profile="unconfined"
name="samba-rpcd" pid=1050 comm="apparmor_parser"
[ 5.302330] audit: type=1300 audit(1745703232.419:91): arch=c000003e syscall=1
success=yes exit=41737 a0=5 a1=5ff387a94920 a2=a309 a3=0 items=0 ppid=1049 pid=1050
auid=4294967295 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=(none)
ses=4294967295 comm="apparmor_parser" exe="/usr/sbin/apparmor_parser" subj=unconfined
key=(null)
[ 5.302334] audit: type=1327 audit(1745703232.419:91):
proctitle=2F7362696E2F61707061726D6F725F706172736572002D492F6574632F617070617
26D6F722E64002D2D62617365002F6574632F61707061726D6F722E64002D72002F6574632
F61707061726D6F722E642F73616D62612D72706364
[ 5.305367] audit: type=1130 audit(1745703232.423:92): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=unconfined msg='unit=modprobe@dm_mod comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 5.305856] usbcore: registered new interface driver btusb
[ 5.310193] input: HD-Audio Generic Rear Mic as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input27
[ 5.310298] input: HD-Audio Generic Front Mic as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input28
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[ 5.310460] input: HD-Audio Generic Line as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input29
[ 5.310517] input: HD-Audio Generic Line Out Front as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input30
[ 5.310575] input: HD-Audio Generic Line Out Surround as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input31
[ 5.312257] input: HD-Audio Generic Line Out CLFE as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input32
[ 5.312352] input: HD-Audio Generic Front Headphone as
/devices/pci0000:00/0000:00:08.1/0000:0e:00.4/sound/card2/input33
[ 5.328251] iwlfwifi 0000:05:00.0: base HW address: 94:e7:0b:ff:c9:95, OTP minor version:
0x4
[ 5.337588] Bluetooth: hci0: Found device firmware: intel/ibt-18-16-1.sfi
[ 5.337601] Bluetooth: hci0: Boot Address: 0x40800
[ 5.337602] Bluetooth: hci0: Firmware Version: 201-12.24
[ 5.337604] Bluetooth: hci0: Firmware already loaded
[ 5.342760] Bluetooth: hci0: HCI LE Coded PHY feature bit is set, but its usage is not
supported.
[ 5.406259] ieee80211 phy0: Selected rate control algorithm 'iwl-mvm-rs'
[ 5.409103] iwlfwifi 0000:05:00.0 wlp5s0: renamed from wlan0
[ 5.836031] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[ 5.836035] Bluetooth: BNEP filters: protocol multicast
[ 5.836039] Bluetooth: BNEP socket layer initialized
[ 5.836853] Bluetooth: MGMT ver 1.23
[ 5.841802] NET: Registered PF_ALG protocol family
[ 5.928617] block nvme1n1: No UUID available providing old NGUID
[ 5.969082] NET: Registered PF_QIPCRTR protocol family
[ 6.117948] vboxdrv: loading out-of-tree module taints kernel.
[ 6.117951] vboxdrv: module verification failed: signature and/or required key missing -
tainting kernel
[ 6.127482] vboxdrv: Found 12 processor cores/threads
[ 6.137240] Generic FE-GE Realtek PHY r8169-0-600:00: attached PHY driver
(mii_bus:phy_addr=r8169-0-600:00, irq=MAC)
[ 6.143364] vboxdrv: TSC mode is Invariant, tentative frequency 3699950642 Hz
[ 6.143368] vboxdrv: Successfully loaded version 7.1.4 r165100 (interface 0x00340001)
[ 6.298359] r8169 0000:06:00.0 enp6s0: Link is Down
[ 6.348158] VBoxNetFlt: Successfully started.
[ 6.349846] VBoxNetAdp: Successfully started.
[ 6.493456] iwlfwifi 0000:05:00.0: Registered PHC clock: iwlfwifi-PTP, with index: 0
[ 7.019121] systemd-journal[558]:
/var/log/journal/2ef2ecc016114874a9f4288eb1293ff7/user-1000.journal: Journal file uses a
different sequence number ID, rotating.
[ 7.349486] usb 5-2: 3:1: cannot get freq at ep 0x84
[ 7.361485] usb 5-2: 3:1: cannot get freq at ep 0x84
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[7.456089] Bluetooth: RFCOMM TTY layer initialized
[7.456097] Bluetooth: RFCOMM socket layer initialized
[7.456100] Bluetooth: RFCOMM ver 1.11
[8.166364] rkill: input handler disabled
[8.885448] warning: `cat' uses wireless extensions which will stop working for Wi-Fi 7 hardware; use nl80211
[9.180572] NMI watchdog: Enabled. Permanently consumes one hw-PMU counter.
[9.960251] wlp5s0: authenticate with 9c:a2:f4:a3:37:bc (local address=46:86:a0:74:ba:44)
[9.960654] wlp5s0: send auth to 9c:a2:f4:a3:37:bc (try 1/3)
[9.999773] wlp5s0: authenticated
[10.000200] wlp5s0: associate with 9c:a2:f4:a3:37:bc (try 1/3)
[10.001256] wlp5s0: RX AssocResp from 9c:a2:f4:a3:37:bc (capab=0x1011 status=0 aid=9)
[10.003740] wlp5s0: associated
[10.005815] wlp5s0: Limiting TX power to 30 (30 - 0) dBm as advertised by 9c:a2:f4:a3:37:bc
[394.461679] usb 1-2: new full-speed USB device number 6 using xhci_hcd
[394.613692] usb 1-2: New USB device found, idVendor=290b, idProduct=1710, bcdDevice=2.00
[394.613696] usb 1-2: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[394.613698] usb 1-2: Product: Beats Flex
[394.613700] usb 1-2: Manufacturer: Beats Electronics
[394.613702] usb 1-2: SerialNumber: HNYM8ADTQ1HJ
[394.642148] hid-generic 0003:290B:1710.000D: hiddev102,hidraw10: USB HID v1.11 Device [Beats Electronics Beats Flex] on usb-0000:07:00.1-2/input0
[1872.476210] usb 1-2: USB disconnect, device number 6
[1880.910503] uinput: UI_SET_PHYS is deprecated. Use UI_SET_PHYS_STR
[1880.910573] input: Beats Flex (AVRCP) as /devices/virtual/input/input34
[5264.952062] wlp5s0: deauthenticating from 9c:a2:f4:a3:37:bc by local choice (Reason: 3=DEAUTH_LEAVING)
[5265.965988] PM: suspend entry (deep)
[5265.985158] Filesystems sync: 0.019 seconds
[5266.555891] Freezing user space processes
[5266.558140] Freezing user space processes completed (elapsed 0.002 seconds)
[5266.558144] OOM killer disabled.
[5266.558145] Freezing remaining freezable tasks
[5266.559006] Freezing remaining freezable tasks completed (elapsed 0.000 seconds)
[5266.559026] printk: Suspending console(s) (use no_console_suspend to debug)
[5266.566354] serial 00:04: disabled
[5266.585926] sd 2:0:0:0: [sda] Synchronizing SCSI cache
[5266.590113] ata3.00: Entering standby power mode
[5266.877816] amdgpu 0000:0c:00.0: amdgpu: MODE1 reset
[5266.877944] amdgpu 0000:0c:00.0: amdgpu: GPU mode1 reset
[5266.879478] amdgpu 0000:0c:00.0: amdgpu: GPU smu mode1 reset
[5267.431259] ACPI: PM: Preparing to enter system sleep state S3

[5267.942397] ACPI: PM: Saving platform NVS memory
[5267.942475] Disabling non-boot CPUs ...
[5267.944329] smpboot: CPU 11 is now offline
[5267.946807] smpboot: CPU 10 is now offline
[5267.949153] smpboot: CPU 9 is now offline
[5267.951509] smpboot: CPU 8 is now offline
[5267.954090] smpboot: CPU 7 is now offline
[5267.956592] smpboot: CPU 6 is now offline
[5267.957486] Spectre V2 : Update user space SMT mitigation: STIBP off
[5267.959000] smpboot: CPU 5 is now offline
[5267.961191] smpboot: CPU 4 is now offline
[5267.963376] smpboot: CPU 3 is now offline
[5267.965655] smpboot: CPU 2 is now offline
[5267.967889] smpboot: CPU 1 is now offline
[5267.969187] ACPI: PM: Low-level resume complete
[5267.969205] ACPI: PM: Restoring platform NVS memory
[5267.969307] AMD-Vi: Virtual APIC enabled
[5267.969368] AMD-Vi: Virtual APIC enabled
[5267.969376] LVT offset 0 assigned for vector 0x400
[5267.970122] Enabling non-boot CPUs ...
[5267.970182] smpboot: Booting Node 0 Processor 1 APIC 0x2
[5267.977862] CPU1 is up
[5267.977910] smpboot: Booting Node 0 Processor 2 APIC 0x4
[5267.981482] CPU2 is up
[5267.981541] smpboot: Booting Node 0 Processor 3 APIC 0x6
[5267.985530] CPU3 is up
[5267.985586] smpboot: Booting Node 0 Processor 4 APIC 0x8
[5267.990893] CPU4 is up
[5267.990933] smpboot: Booting Node 0 Processor 5 APIC 0xa
[5267.994567] CPU5 is up
[5267.994629] smpboot: Booting Node 0 Processor 6 APIC 0x1
[5267.999283] Spectre V2 : Update user space SMT mitigation: STIBP always-on
[5267.999287] CPU6 is up
[5267.999325] smpboot: Booting Node 0 Processor 7 APIC 0x3
[5268.003308] CPU7 is up
[5268.003344] smpboot: Booting Node 0 Processor 8 APIC 0x5
[5268.007322] CPU8 is up
[5268.007371] smpboot: Booting Node 0 Processor 9 APIC 0x7
[5268.011341] CPU9 is up
[5268.011380] smpboot: Booting Node 0 Processor 10 APIC 0x9
[5268.015380] CPU10 is up
[5268.015419] smpboot: Booting Node 0 Processor 11 APIC 0xb
[5268.019454] CPU11 is up
[5268.020548] ACPI: PM: Waking up from system sleep state S3

[5268.026159] [drm] PCIE GART of 512M enabled (table at 0x0000008000300000).
[5268.026202] amdgpu 0000:0c:00.0: amdgpu: PSP is resuming...
[5268.026975] serial 00:04: activated
[5268.048412] nvme nvme0: 8/0/0 default/read/poll queues
[5268.051856] nvme nvme0: Ignoring bogus Namespace Identifiers
[5268.083071] amdgpu 0000:0c:00.0: amdgpu: reserve 0x1300000 from 0x83fc000000 for PSP
TMR
[5268.085081] nvme nvme1: 12/0/0 default/read/poll queues
[5268.177276] amdgpu 0000:0c:00.0: amdgpu: RAS: optional ras ta ucode is not available
[5268.184858] amdgpu 0000:0c:00.0: amdgpu: RAP: optional rap ta ucode is not available
[5268.184860] amdgpu 0000:0c:00.0: amdgpu: SECUREDISPLAY: securedisplay ta ucode is not available
[5268.184863] amdgpu 0000:0c:00.0: amdgpu: SMU is resuming...
[5268.184867] amdgpu 0000:0c:00.0: amdgpu: smu driver if version = 0x00000035, smu fw if version = 0x00000040, smu fw program = 0, smu fw version = 0x00525c00 (82.92.0)
[5268.184870] amdgpu 0000:0c:00.0: amdgpu: SMU driver if version not matched
[5268.230443] amdgpu 0000:0c:00.0: amdgpu: SMU is resumed successfully!
[5268.240064] [drm] DMUB hardware initialized: version=0x07002A00
[5268.274971] amdgpu 0000:0c:00.0: amdgpu: ring gfx_0.0.0 uses VM inv eng 0 on hub 0
[5268.274974] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.0 uses VM inv eng 1 on hub 0
[5268.274976] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.0 uses VM inv eng 4 on hub 0
[5268.274977] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.0 uses VM inv eng 6 on hub 0
[5268.274978] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.0 uses VM inv eng 7 on hub 0
[5268.274980] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.0.1 uses VM inv eng 8 on hub 0
[5268.274981] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.1.1 uses VM inv eng 9 on hub 0
[5268.274982] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.2.1 uses VM inv eng 10 on hub 0
[5268.274984] amdgpu 0000:0c:00.0: amdgpu: ring comp_1.3.1 uses VM inv eng 11 on hub 0
[5268.274985] amdgpu 0000:0c:00.0: amdgpu: ring sdma0 uses VM inv eng 12 on hub 0
[5268.274986] amdgpu 0000:0c:00.0: amdgpu: ring sdma1 uses VM inv eng 13 on hub 0
[5268.274988] amdgpu 0000:0c:00.0: amdgpu: ring vcn_unified_0 uses VM inv eng 0 on hub 8
[5268.274989] amdgpu 0000:0c:00.0: amdgpu: ring jpeg_dec uses VM inv eng 1 on hub 8
[5268.274990] amdgpu 0000:0c:00.0: amdgpu: ring mes_kiq_3.1.0 uses VM inv eng 14 on hub 0
[5268.280624] [drm] ring gfx_32788.1.1 was added
[5268.281097] [drm] ring compute_32788.2.2 was added
[5268.281505] [drm] ring sdma_32788.3.3 was added
[5268.281550] [drm] ring gfx_32788.1.1 ib test pass
[5268.281588] [drm] ring compute_32788.2.2 ib test pass
[5268.281669] [drm] ring sdma_32788.3.3 ib test pass
[5268.332211] ata4: SATA link down (SStatus 0 SControl 300)
[5268.487099] ata3: SATA link up 6.0 Gbps (SStatus 133 SControl 300)
[5268.487530] ata3.00: supports DRM functions and may not be fully accessible
[5268.493935] sd 2:0:0:0: [sda] Starting disk
[5268.494304] ata3.00: supports DRM functions and may not be fully accessible

[5268.500731] ata3.00: configured for UDMA/133
[5268.510999] ata3.00: Enabling discard_zeroes_data
[5268.853295] usb 1-5: reset high-speed USB device number 5 using xhci_hcd
[5269.007104] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5269.895098] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5270.783095] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5271.671076] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5271.672072] OOM killer enabled.
[5271.672074] Restarting tasks ...
[5271.672144] usb 5-2: USB disconnect, device number 2
[5271.675131] done.
[5271.675141] random: crng reseeded on system resumption
[5271.675151] PM: suspend exit
[5271.712066] Generic FE-GE Realtek PHY r8169-0-600:00: attached PHY driver
(mii_bus:phy_addr=r8169-0-600:00, irq=MAC)
[5271.871935] r8169 0000:06:00.0 enp6s0: Link is Down
[5272.566822] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5273.455815] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5273.455862] usb usb5-port2: attempt power cycle
[5274.406811] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5275.193467] wlp5s0: authenticate with 9c:a2:f4:a3:37:bd (local address=46:86:a0:74:ba:44)
[5275.193860] wlp5s0: send auth to 9c:a2:f4:a3:37:bd (try 1/3)
[5275.262930] wlp5s0: authenticate with 9c:a2:f4:a3:37:bd (local address=46:86:a0:74:ba:44)
[5275.262934] wlp5s0: send auth to 9c:a2:f4:a3:37:bd (try 1/3)
[5275.275988] wlp5s0: authenticated
[5275.277788] wlp5s0: associate with 9c:a2:f4:a3:37:bd (try 1/3)
[5275.282777] wlp5s0: RX AssocResp from 9c:a2:f4:a3:37:bd (capab=0x1431 status=0 aid=22)
[5275.284984] wlp5s0: associated
[5275.294802] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5275.294845] usb usb5-port2: unable to enumerate USB device
[5589.245996] wlp5s0: cannot understand ECDSA IE operating class, 4, ignoring
[5590.728589] wlp5s0: authenticate with 9c:a2:f4:a3:37:bc (local address=46:86:a0:74:ba:44)
[5590.728983] wlp5s0: send auth to 9c:a2:f4:a3:37:bc (try 1/3)
[5590.767811] wlp5s0: authenticated
[5590.769330] wlp5s0: associate with 9c:a2:f4:a3:37:bc (try 1/3)
[5590.770369] wlp5s0: RX AssocResp from 9c:a2:f4:a3:37:bc (capab=0x1011 status=0 aid=26)
[5590.772719] wlp5s0: associated
[5590.791896] wlp5s0: Limiting TX power to 30 (30 - 0) dBm as advertised by 9c:a2:f4:a3:37:bc
[5870.704674] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5871.592666] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5871.592711] usb usb5-port2: attempt power cycle
[5872.544661] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5873.432642] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?
[5873.432687] usb usb5-port2: unable to enumerate USB device

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[ 5909.568227] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?  
[ 5910.456233] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?  
[ 5910.456277] usb usb5-port2: attempt power cycle  
[ 5911.408206] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?  
[ 5912.296197] usb usb5-port2: Cannot enable. Maybe the USB cable is bad?  
[ 5912.296241] usb usb5-port2: unable to enumerate USB device  
[ 8898.855463] input: Beats Flex (AVRCP) as /devices/virtual/input/input35
```