



- Fanless and rugged design
- Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (standard). Other CPUs supported include i3, i5, i7, N3350, N3450, N4200.
- Resolution 1280x 1024 dpi
- 5 Wires Resistive touch solution
- Full IP65 6 sides stainless steel enclosure
- All IP65 M12 waterproof connectors
- 3 x USB, 2 x RS232, 1 x GLAN
- VESA mount & Yoke mount
- Optical bonding, high brightness sunlight readable solution

The GKWP19R fanless full IP65 19-inch stainless steel panel pc Windows/Linux with J1900 CPU is designed for long-life operation 24/7 with high reliability and stability solutions for industrial applications such as industrial automation, food & beverage packing & chemical automation, factory automation, process control management, sunlight readable solution. The Panel PC supports a 19" industrial grade LCD with 5 wires resistive touch screen that allows operation with gloves. All the I/O ports are built with M12 waterproof connectors. Other options include wide temperature support and high brightness displays for outdoor use.

The 19-inch stainless steel panel PC is custom built with options that include support for a variety of processors such as N3350, N3450, N4200, J1900, 4th 6th 7th 8th i3 i5 i7 processors. The choice of processors allow customers to choose one that is best applicable for their use case and price point.

Call or contact us for various customization requirements. Customizations include touchscreen type capacitive or resistive, RFID reader support, sunlight readable screen.

Specifications:

Model No.	GKTP170P105S
System	
CPU	11th Gen Intel® Core™ Celeron 6305E / i3 1115G4E / i5 1145G7E / i7 1185G7E processors. Intel® Elkhart Lake J6412
Memory	2 x 260-pin DDR4 3200MHz SODIMM up to 64 GB
H/W Monitor	
H/W Monitor	WatchDog Timer 256 Level
I/O Ports	
RS232	2
RS232/422/485	–
GLAN	2
USB	4
Storage	
Storage	1 x SATA 3.0
Expansion	
Power Requirement	
Power Requirement	3 Pin power terminal block for DC in 12V ~ 24V(OCP & OVP)
Touch Screen	
Touch Screen	5 Wires Resistive (one touch) Capacitive touch screen
OS support	
OS support	Win Pro 11 / Linux Fedora 20, Ubuntu 13.10
Display	
Size	19" TFT (4:3)
Resolution	1280×1024
Colors	16.7 M
Luminance	300 cd/m ²
Contrast Ratio	1000:1
View Angle (H/V)	170°/160°
Mechanical & Environmental	
I/O ports	Back side
Operation Temp.	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mounting	VESA mount (100X100mm) & Yoke mount
Dimension (WxHxD)	455x 368x 67mm
Weight	10.0 kg
Optional	
P/N: 2390000003	External antenna (WIFI)
P/N: 3011100020	Waterproof sponge

Product Configurations			
TP170P112S	17" fanless panel PC, true flat PCAP touch screen, Intel® Elkhart Lake J6412, 2 x USB, 2 x RS232, 2 x GLAN, 1 x 12V DC in external power adapter, VESA mounting & panel mount, 1280x 1024 dpi, with POE EMPL-G2P1-W1-K64	TP170P106S	17" fanless panel PC, true flat PCAP touch screen, 11th Gen Intel i5 1145G7E, 4 x USB, 2 x RS232, 2 x GLAN, 1xHDMI, 1 x 12V DC in external power adapter , VESA mounting & panel mount, 1280 x 1024 dpi,
TP170P105S	17" fanless panel PC, true flat PCAP touch screen, 11th Gen Intel i3-1115G4E, 4 x USB, 2 x RS232, 2 x GLAN, 1xHDMI, 1 x 12V DC in external power adapter , VESA mounting & panel mount , 1280 x 1024 dpi	TP170P107S	17" fanless panel PC, true flat PCAP touch screen, 11th Gen Intel i7-i7 1185G7E, 4 x USB, 2 x RS232, 2 x GLAN, 1xHDMI, 1 x 12V DC in external power adapter , VESA mounting & panel mount , 1280 x 1024 dpi,