

HP G2 36U rack

dual-redundant APC 2200 VA Smart-UPS with NIC, on separate poles of mains power

ESXi:

ESXi, 6.0.0, 3620759

Supermicro 847E16-R1400LPB SuperChassis

2 SAS2 backplane: Front: SAS2-846EL1 Rear: SAS2-826EL1

Supermicro X8DTN+

Dual Intel Xeon E5645 2.6 Hex Core CPU

72GB (18x 4GB DDR3 ECC REG Memory)

LSI 9211-8i IT mode, connected to backplanes, passed through to FreeNAS VM -
reflashed DELL 047MCV PERC H200

LSI 9211-4i IR mode

- 2x Kingston UV400 SATA 120GB SSD in RAID1, for ESXi installation and
virtual discs

Chelsio T420-CR dual 10GBe SFP+

IPMI remote management upgrade card SIMPL-3+ Dedicated IPMI 2.0 included

Dual-redundant 1400Watt power supply

FreeNAS VM:

FreeNAS-9.10.1-U1 (ff51a5d)

64GB memory

12 cores

LSI 9211-8i IT mode, PCI passthrough

15x 2TB HGST ultrastar 7200 RPM (used) (14x mirrored pairs + 1 hot spare)

8GB virtual disk for boot

4GB virtual disk for swap

2x 4TB HGST deskstar 7200 RPM (deciding to put these in the pool or not)

2x Kingston 32GB SSD (were going to be FreeNAS boot discs, until I discovered a VM
cannot boot to PCI passthrough.

APC AP5615 2x1x32 DIGITAL KVM

[Installer/user guide](#)

[Recover firmware](#)