



Aqeri 91050 is a rugged military version of HP XW9400 high-end workstation computer. The unit is a rugged 19" 5U computer for use in harsh environments. Its' unique cooling system makes it possible to use Dual Core AMD processors with very high performance and high-end PCI express graphics from Nvidia. The chassis is fully sealed for protection against dust and corrosive elements. A fully aluminium construction stands for low radiation and high noise immunity. The rugged design gives protection against shock and vibration.

Features:

- > Fully sealed all aluminium 19" 5HU chassis
- > All connectors accessible from the front
- > 28VDC power supply (18-36VDC)
- > Cooling by internal heat-exchange system
- > Up to 4pcs 10k RPM SATA drives with RAID
- > Mounting space for CD-ROM, DVD-RW
- > Integrated heating and climate control system
- > Interfaces such as Ethernet, USB, FireWire, Sound, etc.
- > EMI/RFI according to MIL-STD-461D

Functional specifications:

Processor:

AMD Opteron 2212 2.0 GHz 1Mb Cache

RAM:

8GB DDRII-667 ECC

Operating system:

Windows, Linux optional

Storage:

4x 160GB SATA NCQ 10k

Graphics:

Nvidia Quadro FX3500 256Mb PCI-E

Display interfaces:

VGA

I/O Interfaces:

1x Key/Mouse, 5x 10/100/1000 Mbit Ethernet, 5x USB 2.0, 2x IEEE 1394, 1x Mic, 1x Line IN, 1x Line OUT, 1x Temp monitoring

Expansion:

1x PCI-X

Audio:

Integrated High Definition audio

Physical characteristics:

Dimensions:

495(D) x 222(H) x 440(W)

Weight:

23 kg

Mounting:

19" Rack

Colour:

Grey, option any colour

Electrical specifications:

Power requirements:

18-36VDC

Power consumption:

280W

Connectors:

MIL 38999

Environmental characteristics:

Humidity:

5% to 95% non condensing

Temperature:

Operating -20°C to +55°C

Enclosure:

IP54

Vibration:

Operating 1G 10-1000Hz

Shock:

Operating 10G, 11ms, ½ sine wave puls

Altitude:

Operating 3000M

EMI/RFI/EMC:

MIL-STD-461F, MIL-1275

Designed to fulfil:

MIL-STD-461/462 C / D, MIL-STD-810, EN61000 -4-2 lev 4, EN 61000- 4-3 lev 3, EN 61000-4-4 lev 3, 3, EN 61000-4-5 lev 1, EN 61000-4-6 lev 2, EN 61000-4-8 lev 3, EN 55022 B, IEC 68-2-6, IEC 68-2-27, IEC 68- 2-29, IEC 68-2-31, IEC 68- 2-32