



Aqeri 9204 is a rugged 19" video controller for use in harsh environments. 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, including a separately hinged cradle for mass storage units, gives protection against shock and vibration. Military EMI requirements are to MIL-STD-461 and DEF-STAN 59-41.

Features:

- > Fully sealed all aluminium 19" 4HU chassis
- > All connectors accessible from the front
- > 28VDC power supply (18-36VDC)
- > Cooling by internal heat-exchanger system
- > Passive backplane with up to 2 PCI slots
- > Mounting space for HDD, FDD and CD-ROM
- > Integrated heating and climate control system
- > EMI/RFI according to MIL-STD-461D and DEF-STAN 59-41

Functional specifications:

Processor:

Pentium 4 2, 4 GHz

RAM:

512MB DDR 333MHz

Operating system:

Windows XP Pro

Storage:

2,5" of 3,5" HDD drive, DVD, FDD

Display interfaces:

2 x VGA out, 4 VGA on, 6 video in, 4 USB 2.0, 1 serial port, 1 parallel, 10/100 Ethernet

I/O Interfaces:

2 USB 2.0, 2 Serial ports, 1 parallel, Ethernet

Expansion:

2 PCI, 1AGP, other possible uses: WLAN (2nd LAN, etc), Compact flash socket (possible to boot diskless)

Audio:

Integrated

Physical characteristics:

Dimensions:

440 x 177 x 450mm (WxHxD)

Weight:

15 kg

Colour:

Green

Electrical specifications:

Power requirements:

28VDC (18-36VDC)

Power consumption:

150W at 24V (excluding heaters, cooler, etc)

Environmental characteristics:

Temperature:

Operating -20°C to +55°C

Enclosure:

IP54

Vibration:

Operating 1G 10-1000Hz

Storage 4G 10-1000Hz

Shock:

Operating: 15Gs, 11ms, 1/2 sine wave pulse

EMI/RFI/EMC:

According to

MIL-STD-1275

MIL-STD-461

DEF-STAN 59-41

Designed to fulfil:

MIL-STD-461/462 C/D, MIL-STD-810, EN 61000-4-2 lev 4, EN 61000-4-3 lev 3, EN61000-4-4 lev 3, 3, EN61000-4-5 lev 1, EN61000-4-6 lev 2, EN61000- 4-8 lev 3, EN55022B, IEC 68-2-6, IEC 68-2-27, IEC68-2-29, IEC68-2-31, IEC68-2-32, DEF-STD-61-5 part 6