

Aqeri 9102 is a rugged 19" 2U slim line computer for use in harsh environments. Its' small dimensions and front accessibility makes it suitable for space critical applications. The chassis is fully sealed for protection against dust and corrosive elements. Cooling is provided by a heat exchanger cooling system.

A fully aluminum construction stands for low radiation and high noise immunity. The rugged design, including a separately hinged cradle for mass storage units, gives protection against shocks and vibration.

An internal heating and climate control system makes the unit usable in extremely low-temperature environments. Based on COTS technology, the computer can be configured for various server and workstation applications.



### Features

- > Fully sealed all aluminum 19" 2HU chassis
- > All connectors accessible from the front
- > 28VDC power supply (18-36VDC)
- > Passive backplane with 2 half length PCI slots
- > Mounting space for HDD, FDD, DVD-ROM
- > Cardbus adapter for additional expansion
- > Integrated heating and climate control system

### Specifications

<b>Processor :</b>	Core 2 Duo up to 2.13 GHz
<b>RAM :</b>	DDR2
<b>Operating system :</b>	Optional
<b>Storage :</b>	2,5" or 3,5" HDD drive, DVD, FDD, SSD
<b>I/O Interfaces :</b>	2 USB 2.0, 2 Serial ports, 1 parallel, 10/100/1000 GBIT Multimode Fiber, ethernet 1, VGA
<b>Expansion :</b>	2 half length PCI, 1 cardbus, other uses: WLAN, 2nd LAN etc, Compact flash socket, Raid 0,1
<b>Audio :</b>	Integrated

#### PHYSICAL CHARACTERISTICS

<b>Dimensions :</b>	440 x 88 x 400mm (WxHxD)
<b>Weight :</b>	12 kg
<b>Color :</b>	Green, other optional

#### ELECTRICAL SPECIFICATIONS

<b>Power requirements :</b>	28VDC (18-36VDC)
<b>Power consumption :</b>	68W at 28V (excluding climate control)

#### ENVIRONMENTAL CHARACTERISTICS

**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, 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

<b>EMI/RFI/EMC :</b> <b>According to</b>	MIL-STD-1275 MIL-STD-461
<b>Temperature :</b>	Operating -20°C to +55°C
<b>Vibration :</b>	Operating 1G 10-1000Hz
<b>Shock :</b>	Operating: 15Gs, 11ms, 1/2 sine wave

Please contact us for more informations

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