DEFENSE

Aqeri
91030

3U Computer

The Aqeri 91030 is a front accessible 19" 3U computer for use in harsh environments. The chassis is fully sealed for protection against dust and corrosive elements. The full aluminium construction allows for low radiation and high noise immunity (in accordance with MIL-STD-461E). The internal heating and climate control system guaranties operations in extreme temperature environments. The Xeon dual core processor makes this a high performance computer which also features Raid 0/1/5 with one up to four Hot Swap flash drives.

Features:

> Raid 0/1/5 Hot Swap

> Xeon dual core processor

> Fully sealed, compact chassi only 3U,19"

TECHNICAL SPECIFICATIONS

Processor:	Intel® 2.66GHz Xeon Dual Core (optional 2xCPU)
Memory:	DDR2 up to 8GB
Operating system:	Optional, Windows, Linux
Storage:	Up to 4x 2,5" or 3,5" HDD/SSD drive 1x DVD-RW
RAID:	Optional 0/1/5
I/O Interfaces:	
USB:	x3
Gigabit Ethernet:	x2
VGA (stretched or cloned desktop):	x2
PS/2:	x1
RS232 1x RS-485:	x1
Line in and Line out Audio:	x2
Graphics:	Matrox M-series
	Up to 2048 x 1536 resolution
Expansion:	n/a

CONNECTORS

USB:	MIL 38999
Ethernet:	MIL 38999
VGA:	MIL 38999
RS232:	MIL 38999
Audio:	MIL 38999
PS/2:	MIL 38999
DC in:	MS3106F 10SL-3S

PHYSICAL CHARACTERISTICS

Dimensions:	440 x 132.50 x 500mm (WxHxD)
Weight:	13 kg
Color:	Green, other optional

ELECTRICAL SPECIFICATIONS

Power requirements:	28VDC (18-36VDC, safe start Min 21VDC, Max 33VDC)
Power consumption:	120W at 28VDC (excluding heaters)

ENVIRONMENTAL CHARACTERISTICS

Designed to fulfill	
(Other standards on request):	MIL-STD-461E
	MIL-STD-1275B
	MIL-STD-810G
	European CE
Temperature Operating:	-20°C to +55°C
Vibration Operating	
(depending on configuration):	10-500Hz 1,04g rms
Shock Operating:	
(depending on configuration):	15g, 11ms, ½ sine wave
Humidity:	5% to 95% non condensing
Altitude Operating:	3000m

We reserve the right to change the information of this document without further notice. 110209