

DEFENSE

Aqeri

91022

Mobile Computer

The Aqeri 91022 Mobile Computer is a small form factor product designed to be deployed in areas with the most harsh environments and space critical demands. A typical scenario is deployed vehicles where space and weight is critical. The Aqeri 91022 computer can be mounted stand-alone or as an option in 19" racks. Aqeri 91022 has the latest high performance Intel processor, 2nd generation Core i7 Quad Core and is expandable with up to 2 SSD drives in a RAID configuration for mission critical data.

As a standard the Aqeri field proven ASCC functions (Aqeri Supervisor and Climate Control) is implemented. The Aqeri 91022 has designed filtering to comply with MIL-STD-461E Army Ground levels. As an option Aqeri 91022 can be ordered as a TEMPEST SDIP-27 Level A certified product to comply with NATO compromising emanations standards.

Features:

- > Ideal for C4ISR Areas
- > For use in harsh environments
- > Fully sealed aluminum chassis
- > Integrated Climate Control
- > 9-32 VDC for Vehicle applications



TECHNICAL SPECIFICATIONS

Processor:	Intel Core i7-2720QM 2.2 - 3.3Ghz, 6Mb cache, 4x core, 8x threads
Storage:	1-2 2,5" SSD
Memory:	DDRIII 1366Mhz up to 16Gb
Graphics:	Intel HD Graphics 3000
I/O Interfaces:	
USB:	x4
Gigabit Ethernet:	x2 (Fiber as option)
VGA:	x1
RS232:	x1

CONNECTORS

USB:	AMC
Gigabit Ethernet:	AMC
VGA:	AMC
RS232:	AMC

PHYSICAL CHARACTERISTICS

Dimensions:	220 x 88 x 280mm (WxHxD)
Weight:	3 kg
Color:	Green, other optional

ELECTRICAL SPECIFICATIONS

Power requirements:	9-32 VDC
Power consumption:	Max 120W at 28VDC (excluding heaters)

ENVIRONMENTAL CHARACTERISTICS

Designed to fulfill (other standards on request):	MIL-STD-461E Army Ground Level MIL-STD-1275D MIL-STD-810G European CE Option
TEMPEST SDIP-27 Level A, B, C:	IP65
Protection:	-32 °C to +55 °C
Temperature Operating:	5-500Hz 2,18g rms
Vibration Operating:	40g, 11ms, ½ sine wave
Shock Operating:	5% to 95% non condensing
Humidity:	3000m
Altitude Operating:	

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