

Military Grade Rackmount PANEL PC

Ruggedized Military Grade Panel PC 24" LCD Monitor
with Intel® Core i7 4650U 3.30GHz Processor, 1920x1200, 300nits

Model: WMRMPC2400-i7



Features

- 24" 1920x1200 High Resolution TFT-LCD
- Intel® Core i7 4650U 3.30GHz Processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G/F
- Flush Rack / Rack Mount Mechanical Design (8U)
- Convenient On-Screen Display Controls
- AC 110~240V Power input default / Isolation DC 9~36V Power input (Optional)
- Built-in Light Sensor for auto brightness control
- Military Grade Power Connector (MIL-DTL-38999/1 & 38999/3)

TFT Characteristics

Resolution	1920 x 1200
Contrast Ratio	1000 : 1 (typ.)
Brightness	300 cd/m (typ.)
Viewable Angle	-89~89(H);-89~89(V)
Max Colors	16.7M(Colors)

System Specs:

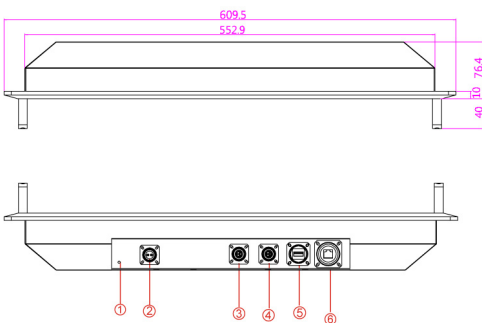
Processor	Intel Core i7 4650U 3.30GHz
BIOS	AMI 16Mbit Flash
Processor Graphics	Intel HD Graphics 5000
System Memory	1 x SO-DIMM DDR3L 1600, Default 4GB
Lan Controller	Intel® Ethernet Controller 1211-AT + Intel® Gigabit Ethernet PHY 1218-LM
Storage	mSATA SSD, Default 64GB
Expansion Slot	1 x Mini PCIe slot (for USB module)

A customized housing is needed if you would like to have the PCI expansion.

Power Specifications

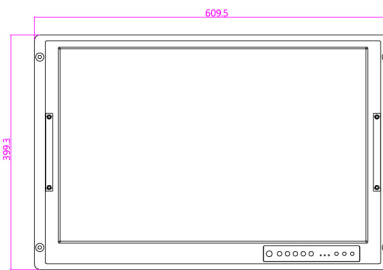
Power Input	Default AC 110~240V in Optional isolation DC 9~36V in
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Mechanical Drawing

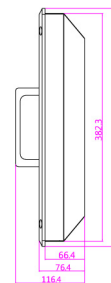


1. Ground
2. AC Power in (MIL-DTL-38999/1)
3. VGA (MIL-DTL-38999/3)
4. RS-232 (MIL-DTL-38999/3)
5. USB A Type (MIL-DTL-38999/3)
6. LAN (MIL-DTL-38999/3)

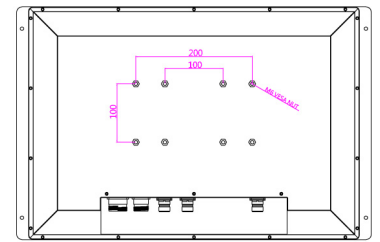
FRONT VIEW



SIDE VIEW



BACK VIEW



Environment Consideration

Operating Temperature	-20 deg.C to 60 deg.C
Operating Humidity	95%RH ±3%

Input/Output Connectors

Plug & Play	VESA DDC 1/2B
Back Panel I/O Port	1 x Power Input (MIL-DTL-38999/1) 1 x VGA (MIL-DTL-38999/3) 1 x RS232 (MIL-DTL-38999/3) 1 x USB A Type (MIL-DTL-38999/3) 1 x LAN (MIL-DTL-38999/3)

Order Information (Optional) :

Touch	5 Wires Resistive / 5 Wire Resistive with EMI Coating
Glass	EMI Coating Glass (Default AR Glass)
OS	Windows Embedded Standard 7 Windows Embedded 8 Standard Windows Embedded 8.1 Industry
Storage	mSATA SSD up to 256GB
RAM	SO-DIMM DDR3 1666, max up to 8GB
Power	Optional isolation 9~36V DC in

Accessories

- MIL-DTL-38999/1 Power cord .
- MIL-DTL-38999/3 VGA Cable
- MIL-DTL-38999/3 RS232 Cable .
- Driver & Manual CD

Measurements shown in mm.

- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm.
- * Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

