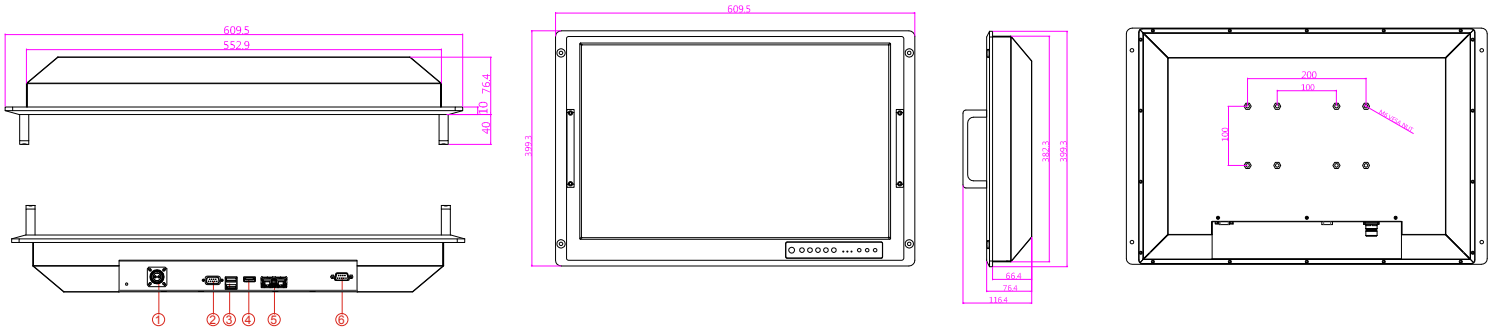
Military Grade 24" Rack Mount Panel PC (Intel® Celeron Platform)

MODEL #: W24IB3S-RKS1ML

Mechanical Design

- 24" 1920x1200 High Resolution TFT-LCD
- Intel® Celeron N2930 2.16GHz Processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G/F
- Flush Rack / Rack Mount Mechanical Design (9U)
- 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)

FRONT VIEW SIDE VIEW BACK VIEW



1. Power in (MIL-DTL-38999/1)
2. RS232/422/485 (Default RS232)
3. USB 2.0x1 / USB 3.0x1
4. HDMI
5. LANx2
6. RS-232(Optional)

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.

Display Specification

Characteristics :

- Resolutions : 1920 x 1200
- Brightness : 300 cd/m^2 (typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angles : -89~89(H);-89~89(V)
- Max Colors : 16.7M(Colors)

System Specifications :

- Processor : Intel® Celeron N2930 2.16GHz
- BIOS : AMI 16Mbit Flash
- System Chipset : Intel® SoC Integrated
- System Memory : 1 x SO-DIMM DDR3L 1066/1333 4GB
- Lan Controller : Intel WG82574L GbE LANx2
- Storage : mSATA SSD, Default 64GB
- Audio Codec : Realtek ALC886 HD Audio Codec

* 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 9~36V DC in

Environment Considerations :

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

I/O Connectors :

- Plug & Play : VESA DDC 1/2B
- Back Panel I/O Port : 1 x Power Input (Military)
  2 x USB2.0
  1 x RS232(Default)/422/485
  2 x RJ-45
  1 x VGA
  1 x RS232 (Optional)

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
- Driver & Manual CD

CE FC RoHS COMPLIANT 2002/95/EC

Rev.	Reasons	Revised Date
1.0	First release	Aug-20-15
1.1	Spec Change	Sep-04-15

Note: All Specifications are subject to change without prior notice!

Revised Date:09/04/2015

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