

Rugged Military Series

RML-12WB

12.1" Military Computer (w/Sunlight Readable)

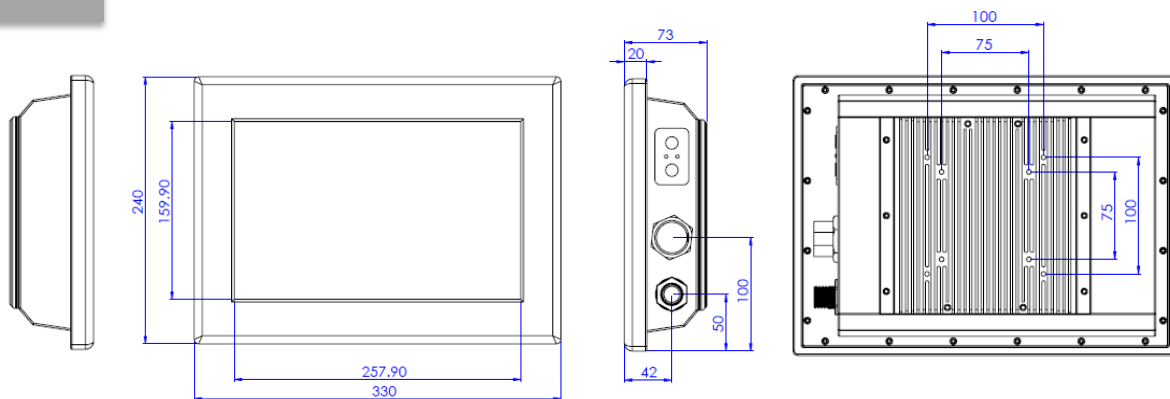


Features:

- High Brightness / Sunlight Readable Display
- -25~60°C Wide Range Operating Temperature
- Full IP66 Rugged, Compact Housing
- MIL-STD-810G, MIL-STD-461F Compliance
- Anti- Acid, Anti- Corrosion housing
- Default Black Color, others for customized



Drawings



Specification

PC System Specification:

| | |
|-----------------------|--|
| • CPU | : Intel® Bay Trail Celeron® N2930 1.83 GHz |
| • Memory | : DDR3 So-DIMM 4GB (max. 8GB) |
| • Storage | : SATAII HDD 500GB or mSATA SSD 64GB |
| • Graphic | : Integrated Intel® HD Graphics |
| • Ethernet Controller | : Intel® Intel WG82574L GbE |
| • BIOS | : AMI 16 MB Flash |
| • Power Input | : 9~36V Wide range DC Input |
| • CanBus | : 2-ch CanBus 2.0 |
| • Mounting Type | : 75x75, 100x100 VESA Mount |
| • Cooling | : Fanless with fin |

Input/Output :

| | |
|--|------------------------|
| | : 1 x VGA output |
| | : 2 x USB 2.0 |
| Mil-connector (MIL-D38999/24WE35SN) | : 1 x RS232, 1 x RS422 |
| | : 1 x GbE LAN |
| | : 2 x CanBus 2.0 |
| Mil-connector (MIL-D38999/24WA98PN) | : 1 x 9~36V DC Input |

Panel Specification :

| | |
|------------------|--------------------------------------|
| • Size/ Type | : 12.1" (16:9) Sunlight Readable LCD |
| • Resolution | : 1280 x 800 |
| • Brightness | : 900 (cd/m ²) |
| • Contract Ratio | : 1000 : 1 (typ.) |
| • Viewing Angle | : -88~88 (H) ; -88~788(V) |
| • Max. Colors | : 262K (6 bits/color) |
| • Touch | : 5- wire resistive touch screen |

Environment Tolerance:

| | |
|-------------------------|--|
| • Operating Temperature | : -20 deg. C to 60 deg. C |
| • Storage Temperature | : -40 deg. C to 70 deg. C |
| • Humidity | : 10 to 95% (Non Condensing) |
| • Shock | : MIL-STD-810G Method 516.6 |
| • Vibration | : MIL-STD-810G Method 514.6C-3 |
| • Humidity | : MIL-STD-810G Method 507.5-7 |
| • High Temperature | : MIL-STD-810G Method 501.5-II |
| • Low Temperature | : MIL-STD-810G Method 502.5 |
| • EMC Compliance | : CE/FCC Class B MIL-STD-461F Compliance* |
| • Safety | : CE |

Order Option :

| | |
|-------------------|-------------------------------|
| • Optical Bonding | : Panel and touch bonded |
| • EMI protection | : *ITO glass for MIL-STD-461F |
| • Low temperature | : -40degC cold start (1 min.) |
| • Power Input | : 48V Ignition On/OFF |