

G-WIN[®]

Military Grade Military Panel PC

R15IB3S-MLA3HB

Feature:

- ◆ Ultra Low Power Bay Trail N2930 1.83GHz Processor Fanless Design
- ◆ High Quality 15" Panel, 1024*768 resolution, 1000 nits
- ◆ Aluminum Die-casting Housing with Anti-Corrosion Treatments
- ◆ Military Grade connector with VESA mount.
- ◆ MIL-STD-810F/G Compliant
- ◆ Build in ambient Light sensor
- ◆ Wide Range 9 to 36V DC Input Acceptable for Optional

Option feature:

- ◆ Optical Bonding with Anti-moisture treatment (Optional)
- ◆ 5 Wire Resistive Touch/ Anti-Reflective Protection Glass
- ◆ MIL-STD-461E/F (By Request)
- ◆ EMI Glass/Touch (By Request)



G-WIN

System Specifications

Processor	: Intel [®] Bay Trail N2930 1.83GHz 1.83Ghz Processor
Chipset	: Bay Trail SoC Chipset
BIOS	: AMI 16Mbit Flash
Memory	: 1xDDR3L 1066 / 1333 MHz SO-DIMM, default 4GB, Max. 8GB
Ethernet	: Intel [®] I210-AT GbE LAN
Storage	: mSATA SSD, default 64GB
Expansion Slot	: 1 x Mini PCIe slot (for wireless module) 1 x Mini PCIe slot (for SATA SSD)

Display Specification

Size	: 15 inch
Resolution	: 1024x768 pixels
Panel Brightness	: 1000 (nits)
Touch or Glass	: 5 Wire Resistive / AR Glass

Input / Output

Input / Output	: 1 x USB 3.0, 1 x USB 2.0 1 x HDMI (Optional) 1 x RS-232 1 x RS-232 (Optional) 1 x RS-232/422/485 2 x RJ-45(10/100/100 Mbps) WLAN antenna SMA in top(Optional)
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Input / Output

Input / Output	: 1 x USB 3.0, 1 x USB 2.0
Power Input	: 12V DC / MIL-grade connector

Certifications

CE/FCC Class B

In Front Control

Control button: Power On/ Off, Reset, Brightness up & down, Lock & unlock, Auto-dimming & manual dimming, Day & night mode, LED adjustment

LED indicator : Power Status, HDD Status

Mechanical and Environment

Dimensions (W x L x H)	: 398 mm x 308 mm x 58mm
Operation Temperature	: -20°C ~ 60°C; -40°C~70°C (optional)
Storage Temperature	: -30°C~70°C
Operation Humidity	: 10% to 95% (non condensing)
Shock*	: Operating: 40g for 11ms
Vibration*	: Operating: 1.62/2.02/2.20g rms for XYZ / 5-500Hz

Environmental(MIL-STD 810F/G Compliance)

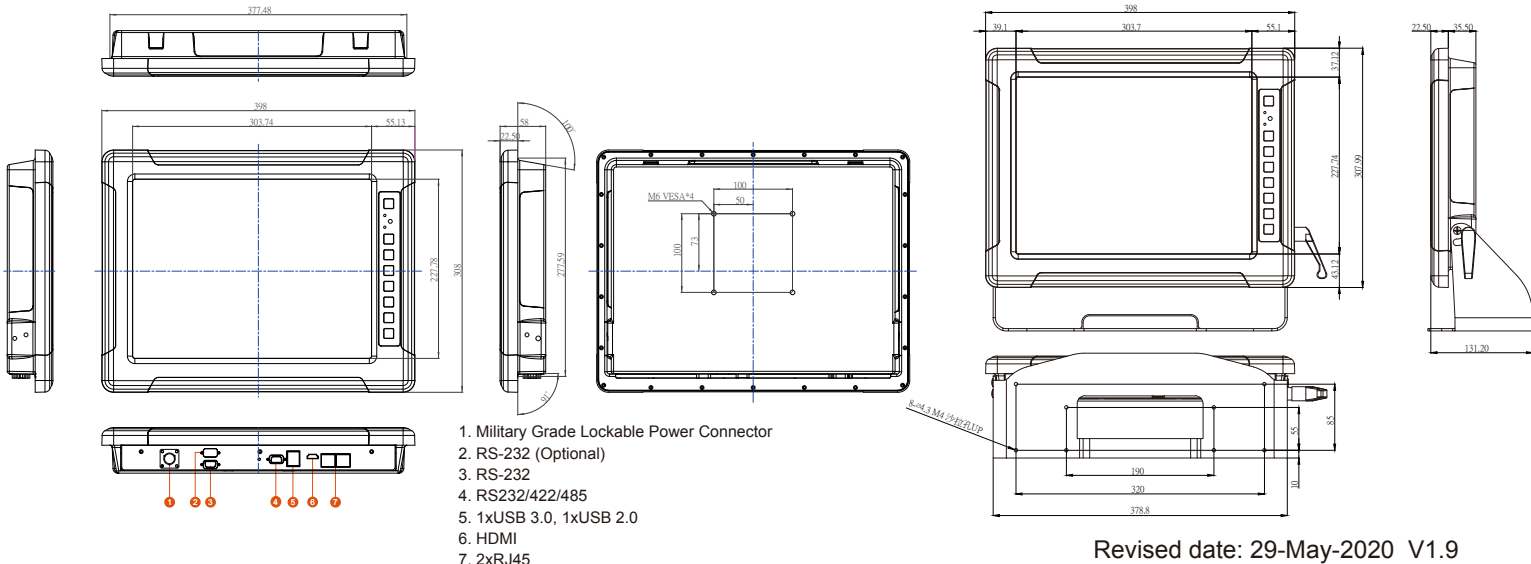
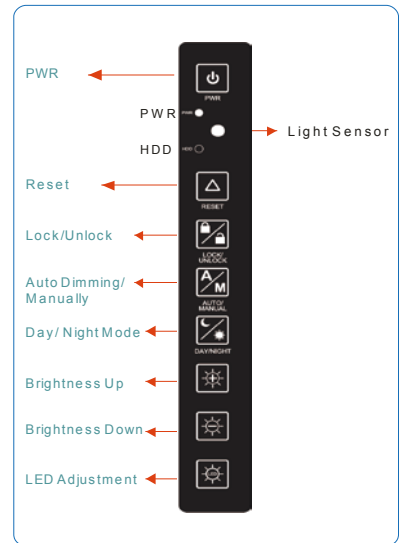
Vibration	: MIL-STD-810F/G Method 514.5
Humidity	: MIL-STD-810F/G Method 507.4
Transit Drop	: MIL-STD-810F/G Method 516.5

Environmental(MIL-STD 461E/F Compliance)

RE	: RE 101 / RE 102
CE	: CE 101 / CE 102
Optional with EMI Glass / Touch	
RS	: RS101 / RS103
CS	: CS 101 / CS 106 / CS 109 / CS 114 CS 115 / CS 116

* If you require external test report, Winmate will charge NRE fee.

◇ Front OSD control function:



Revised date: 29-May-2020 V1.9