R10IB3S-MLT2

10.4" Intel® Celeron® N2930 G-WIN Defence Panel PC

KEY FEATURES

- Military grade power connector
- Ultra Low Power but High Performance Intel® Bay Trail N2930 1.83 GHz
- Fanless Design
- High Quality 10.4" Panel, 1024 x 768 Resolution
- Full IP65 Dust/water resistant Protection (Except I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL-STD-810F/G & IEC60068-2-27
- 5 Wire Resistive Touchscreen / Anti-Reflection Protection Glass (Optional)
- 802.11 a/b/g/n Wireless LAN with Antenna (Optional)
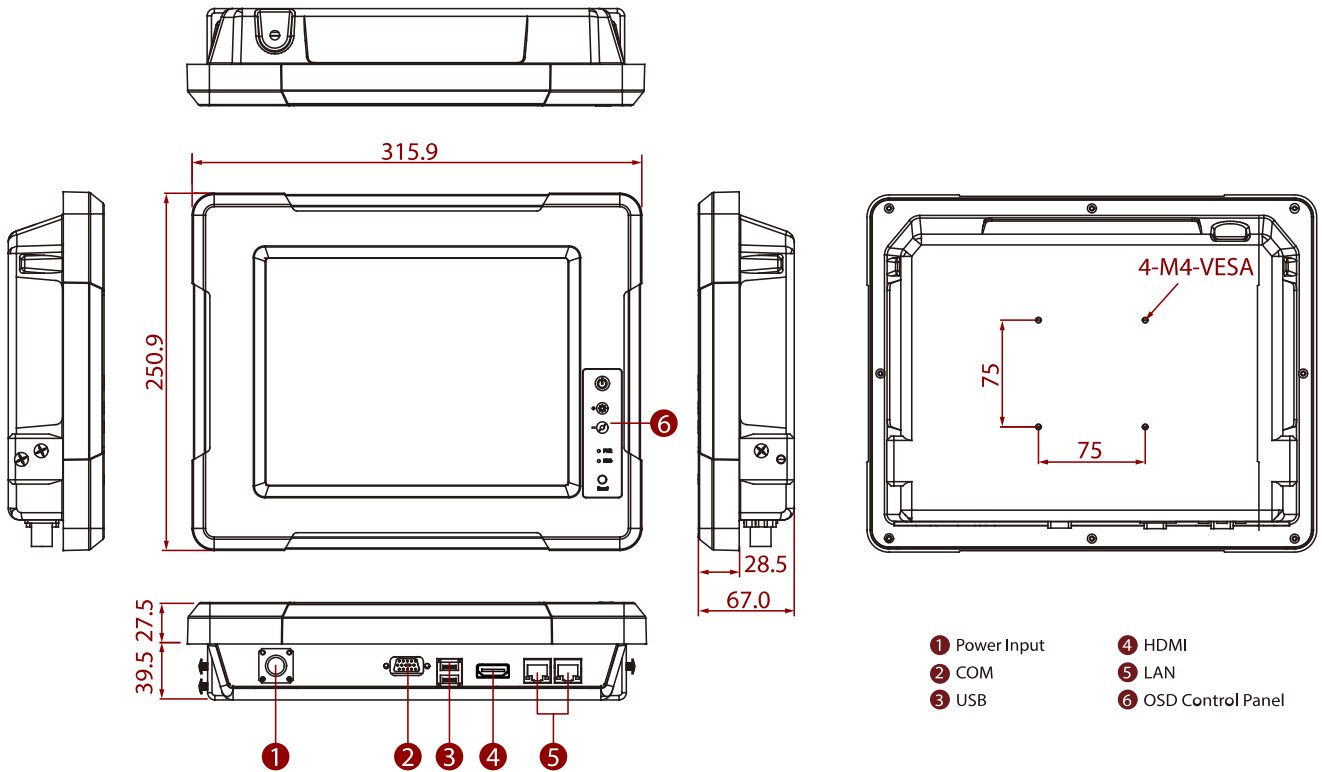- Wide Range 9 to 36 V DC Input (Optional)

SPECIFICATIONS

Display

Resolution	1024x768	**Size**	10.4 inches
Contrast Ratio	1000:1	**Panel Brightness**	350 nits
View Angles	88,88,88,88	**Active Area**	210.4x157.8 mm
Touch / Glass	AR Protection Glass 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (Optional)		

System Specification

Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	**Memory**	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)	**Ethernet controller**	2 x Intel® Ethernet Controller I210-AT
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)		

Environment

Operating Humidity	10% to 95% RH	**Operating Temperature**	-20°C~60°C
Storage Temperature	-20°C~70°C	**Shock**	Operating:30g for 18ms
Vibration	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz		

Compliance

MIL-STD 461E/F	RE101 / RE102 CE101 / CE102 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	**MIL-STD 810F/G**	Vibartion Method 514.5 Humidity Method 507.4 Transit Drop Method516.5

Certification

Certification	CE, FCC		
IO Ports			
USB Port	1 x USB2.0 1 x USB3.0	**Serial Port**	1 x RS232(Default)/422/485
Video	1 x HDMI (Optional)	**LAN**	2 x RJ-45
Indicator	Power On/ Off HDD Status		
Mechanical			
Dimension	315.9 x 250.9 x 67 mm	**Mounting**	VESA Mount
Enclosure	Metal Housing with Aluminum Bezel	**Cooling System**	Fanless Design
Accessory			
Accessory	User Manual Driver CD and User Manual Touch Driver CD Open Wire Cable		
Power			
Power Rating	12V DC (MIL-DTL-38999/1 connector) 9V to 36V wide range (Optional)		
Control			
Button	4 Keys: Power, Brightness Up, Brightness Down, Reset		

DIMENSIONS UNIT:MM

❶ Power Input ❹ HDMI
❷ COM ❺ LAN
❸ USB ❻ OSD Control Panel

NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.