R10IB3S-MLT2

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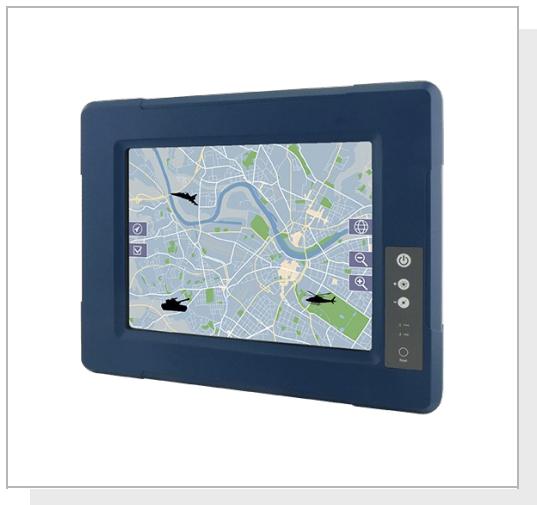
KEY FEATURES

- Defence 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)

CE FC COMPLIANT MIL-STD 461F COMPLIANT MIL-STD 810G

SPECIFICATIONS

Display

Resolution	1024x768	Size	10.4 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 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 1.83GHz (up to 2.16GHz)	Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA SSD 128GB. mSATA SSD up to 512GB. (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)	WLAN	Support (Optional)
BT	Support (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/G	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	MIL-STD 810G	Vibration Method 514.6 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 RJ45
Indicator	1 x PWR LED 1 x HDD LED		

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 100~240V AC to DC Adapter Power Cord

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

WINMATE
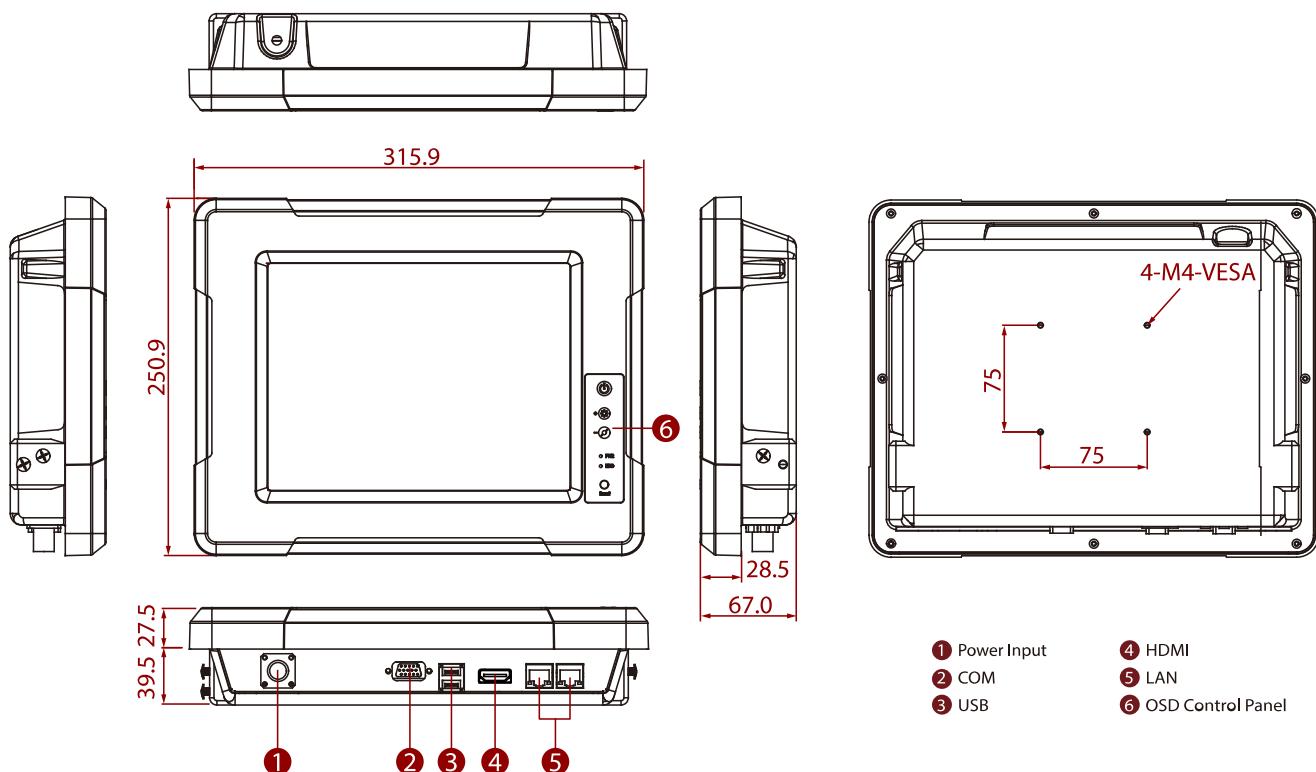
NOTE

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.