

R08IB3S-MLU1

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



KEY FEATURES

- Defence grade power connector
- Ultra Low Power and High Performance Intel® Celeron® Bay Trail N2930 1.83 GHz
- Fanless Design
- High Quality 8.4" Panel, 800 x 600 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)

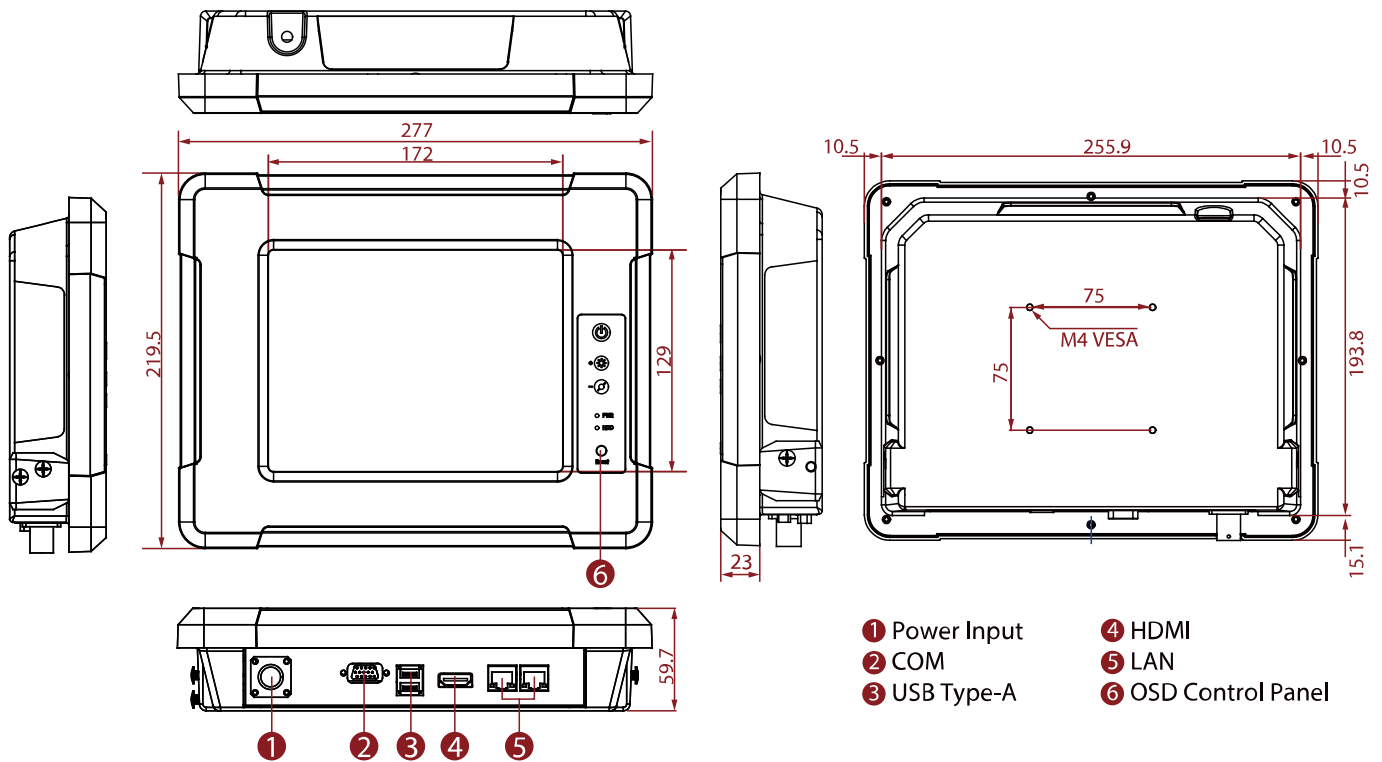


SPECIFICATIONS

Display			
Resolution	800x600	Size	8.4 inches
Contrast Ratio	600:1	Panel Brightness	600.0 nits
View Angles	75,75,60,70	Active Area	170.4x127.8 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 256GB (Optional) 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	-30°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/H	Vibration Method 514.6 Humidity Method 507.5 Transit Drop Method516.6

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	277 x 219.5 x 59.7 mm	Weight	2.3 kg
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



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.