

R08IB3S-IPT1WT

8.4" Intel® Celeron® N2930 Front IP65 Wide Temperature Panel PC



KEY FEATURES

- 8.4" TFT SVGA LCD
- Intel® Celeron® Bay Trail-M N2930, 1.83 GHz Processor
- SODIMM DDR3L 1600/1333, max. 8 GB
- 2 x RS232, 1 x RS232/422/485, 1 x USB 3.0, 1 x USB 2.0, 2 x RJ45, 1 x HDMI, 1 x SATA II, 2 x Mini PCIe
- Front IP65 protection against water and dust
- -20~60°C operating temperature

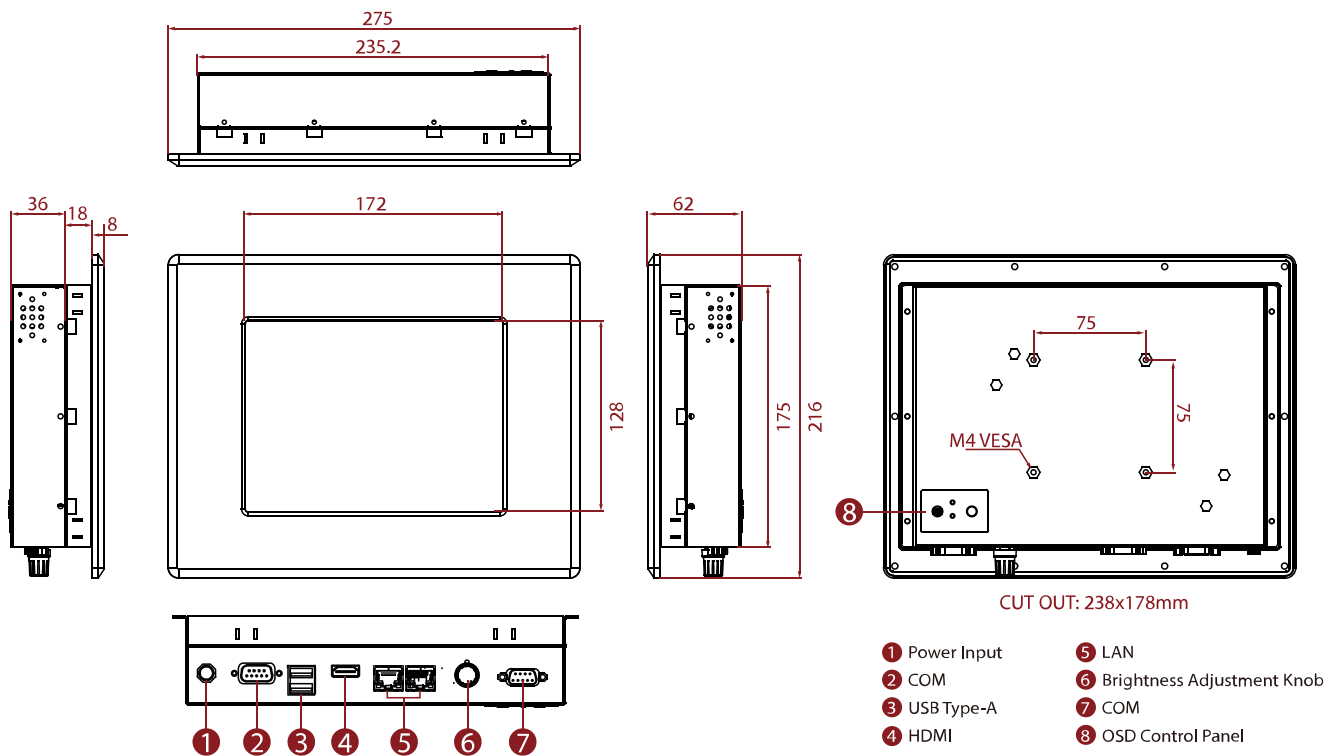


SPECIFICATIONS

Display			
Resolution	800x600	Size	8.4 inches
Contrast Ratio	600:1	Panel Brightness	450.0 nits
View Angles	80,80,60,80	Active Area	170.4x127.8 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (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)		
Mechanical			
Dimension	275 x 216 x 62 mm	Mounting	Panel mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Cut out	212 x 154mm		
Environment			
Operating Humidity	30% to 90% RH, Non-Condensing	Operating Temperature	-20°C to 60°C
Storage Temperature	-30°C to 70°C	IP rating	Front IP65
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12V DC, 2.5φ DC jack	USB Port	1 x USB3.2 Gen1x1 (Type-A) 1 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x HDMI 1.4 (Optional)
Audio	2 x Speaker	Expansion Port	1 x mPCIe slot(for half size Wifi module)

LAN	2 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power 1 x LED Indicator for storage
Brightness Knob	1 x Brightness Adjustment Knob	mini PCIe	1 x Mini PCIe(For WLAN)
Control			
Button	1 x Power Button 1 x Reset Button		
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord VESA screws Mounting clips		
Power			
Power Rating	12V DC	Adapter	12V 50W

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.