

R12IB3S-OFM2

12.1" Intel® Celeron® N2930 Open Frame Panel PC



KEY FEATURES

- 12.1" TFT LCD
- Intel® Bay Trail-M Quad Core™ Celeron® N2930
- SO-DIMM DDR3L 1600, max. 8 GB
- Integrated VGA, Dual-channel 24-bit LVDS, HDMI (Optional)
- 2 x Gigabit Ethernet
- 1 x SATA, 1 x USB 2.0, 1 x USB 3.0, 1 x HDMI (Optional), 2 x COM, 1 x Mini PCIe slot

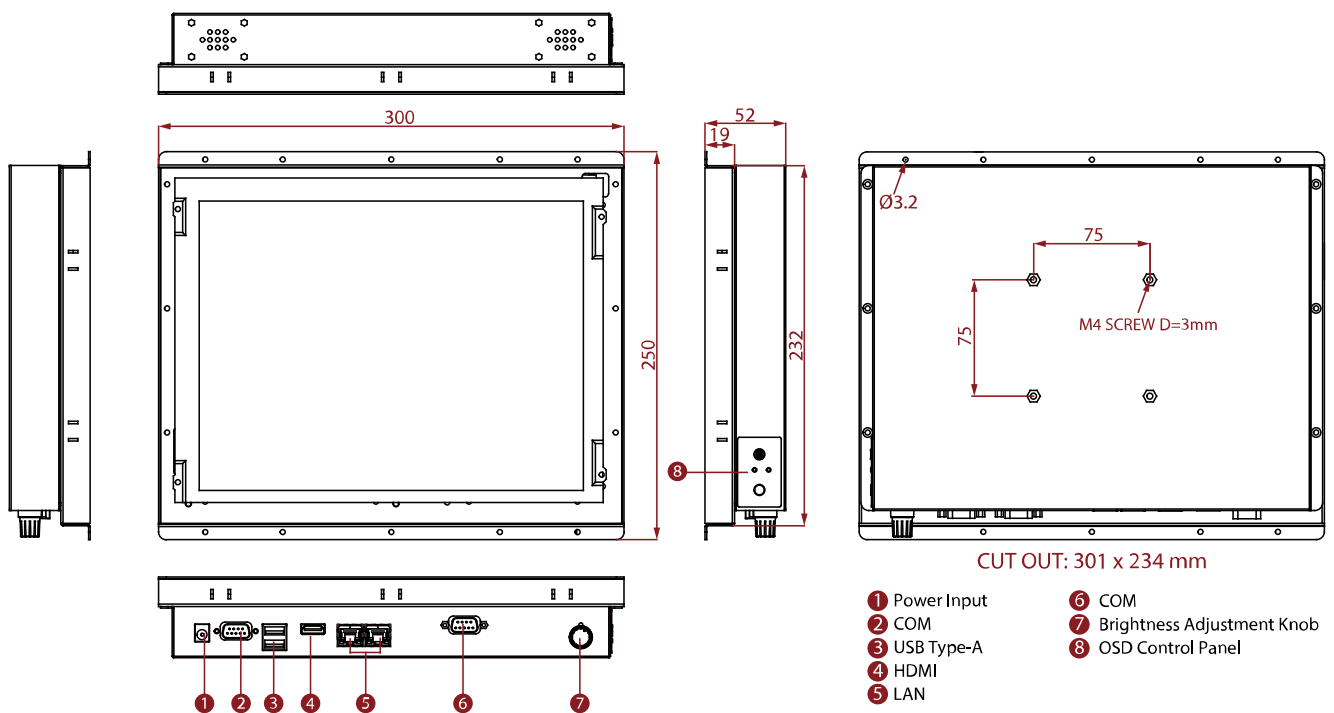


SPECIFICATIONS

Display	
Resolution	1024x768
Contrast Ratio	700:1
View Angles	89,89,89,89
Touch / Glass	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
Size	12.1 inches
Panel Brightness	500 nits
Active Area	245.76 x 184.32 mm
System Specification	
Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)
Storage	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
BT	Support (Optional)
Ethernet controller	2 x Intel® Ethernet Controller I210-AT
WLAN	Support (Optional)
Mechanical	
Dimension	300 x 250 x 52 mm
Enclosure	Metal Housing
Mounting	Open Frame panel mount VESA Mount
Cooling System	Fanless design
Environment	
Operating Humidity	10% to 90% (non-condensing)
Storage Temperature	-10~60°C
Operating Temperature	0~50°C
Certification	
Certification	CE, FCC
IO Ports	
Power Input	1 x 12V DC, 2.5φ DC jack
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232
Audio	2 x Speaker
USB Port	1 x USB3.0 (Type-A) 1 x USB2.0 (Type-A)
Video	1 x HDMI 1.4 (Optional)
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 Driver CD & Manual VESA screws		
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. 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.
3. All specifications are subject to change without prior notice.