

# R12IB3S-PMM2

## 12.1" Intel® Celeron® N2930 Quad Core Panel Mount Panel PC



### KEY FEATURES

- 1 x SATA, 1 x USB 2.0, 1 x USB 3.0, 1 x HDMI (Optional), 3 x COM, 2 x Mini PCIe slot
- 12.1" TFT XGA LCD
- Integrated VGA, Dual-channel 24-bit LVDS, HDMI (Optional)
- Intel® Celeron® N2930 Quad Core™ 1.83 GHz Processor
- Intel® I210-AT GbE
- SO-DIMM DDR3L 1600, max. 8 GB



### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x768	<b>Size</b>	12.1 inches
<b>Contrast Ratio</b>	700:1	<b>Panel Brightness</b>	500 nits
<b>View Angles</b>	89,89,89,89	<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
System Specification			
<b>Processor</b>	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Storage</b>	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller I210-AT
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
<b>WLAN</b>	802.11 a/b/g/n/ac (Optional)	<b>BT</b>	BT Support (Optional)
Mechanical			
<b>Dimension</b>	324 x 274 x 57 mm	<b>Mounting</b>	Panel mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
<b>Cut out</b>	302x234mm		
Environment			
<b>Operating Humidity</b>	10% to 90% (non-condensing)	<b>Operating Temperature</b>	0~50°C
<b>Storage Temperature</b>	-10~60°C		
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>USB Port</b>	1 x USB3.0 (Type-A) 1 x USB2.0 (Type-A)	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232
<b>Video</b>	1 x HDMI 1.4 (Optional)	<b>Audio</b>	2 x Speaker
<b>Expansion Port</b>	1 x mPCIe slot(for half size Wifi module)	<b>LAN</b>	2 x Giga LAN RJ45 Connector
<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage	<b>Brightness Knob</b>	1 x Brightness Adjustment Knob

mini PCIe 1 x Mini PCIe(For WLAN)

**Control**

Button 1 x Power Button  
1 x Reset Button

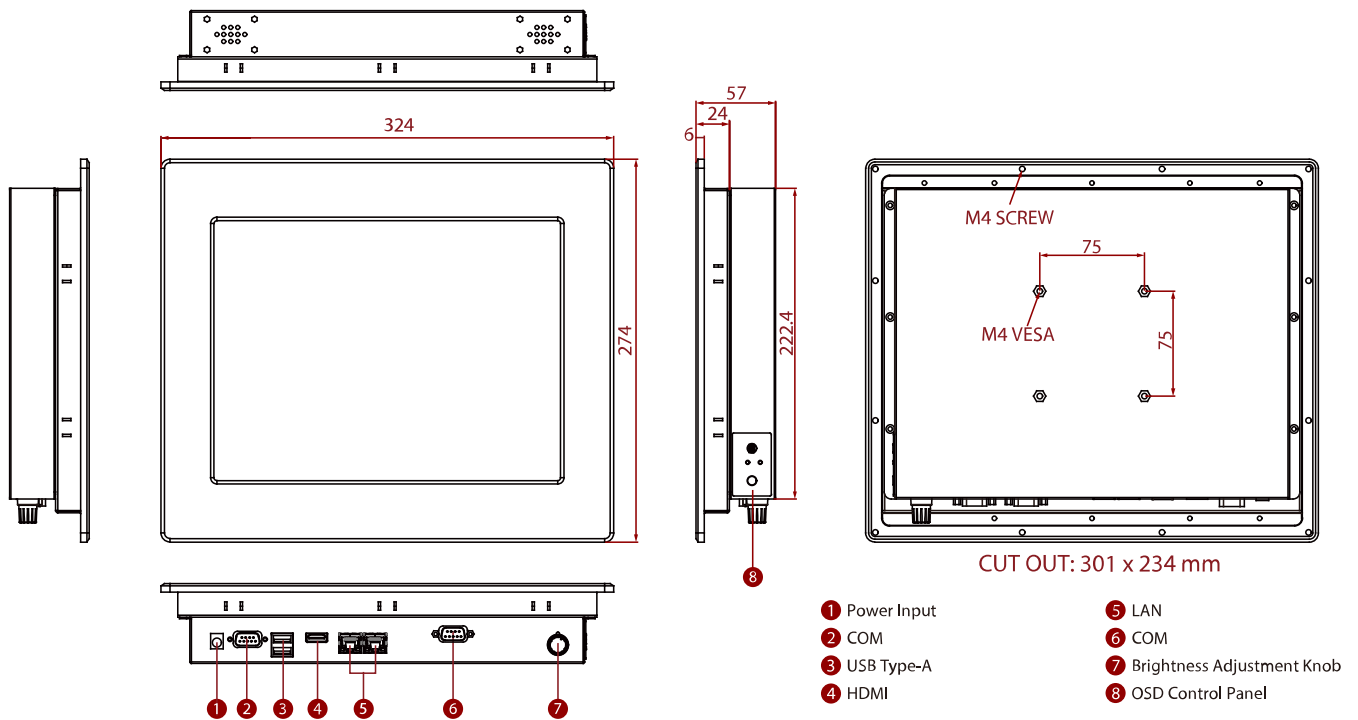
**Accessory**

Accessory 100~240V AC to DC Adapter  
Power Cord  
Driver CD & Manual  
VESA screws  
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.