

# R12IB3S-CHM2WT

## 12.1" Intel® Celeron® N2930 Chassis Wide Temperature Panel PC



### KEY FEATURES

- 12.1" TFT LCD
- Intel® Celeron® Bay Trail-M N2930, 1.83 GHz Processor
- SODIMM DDR3L 1600/1333, max. 8GB
- 2 x RS232, 1 x RS232/422/485, 1 x USB 3.0, 1 x USB 2.0, 2 x RJ45, 2 x PS/2, 1 x VGA, 1 x SATA II, 2 x Mini PCIe, 1 x eDP
- Front IP65

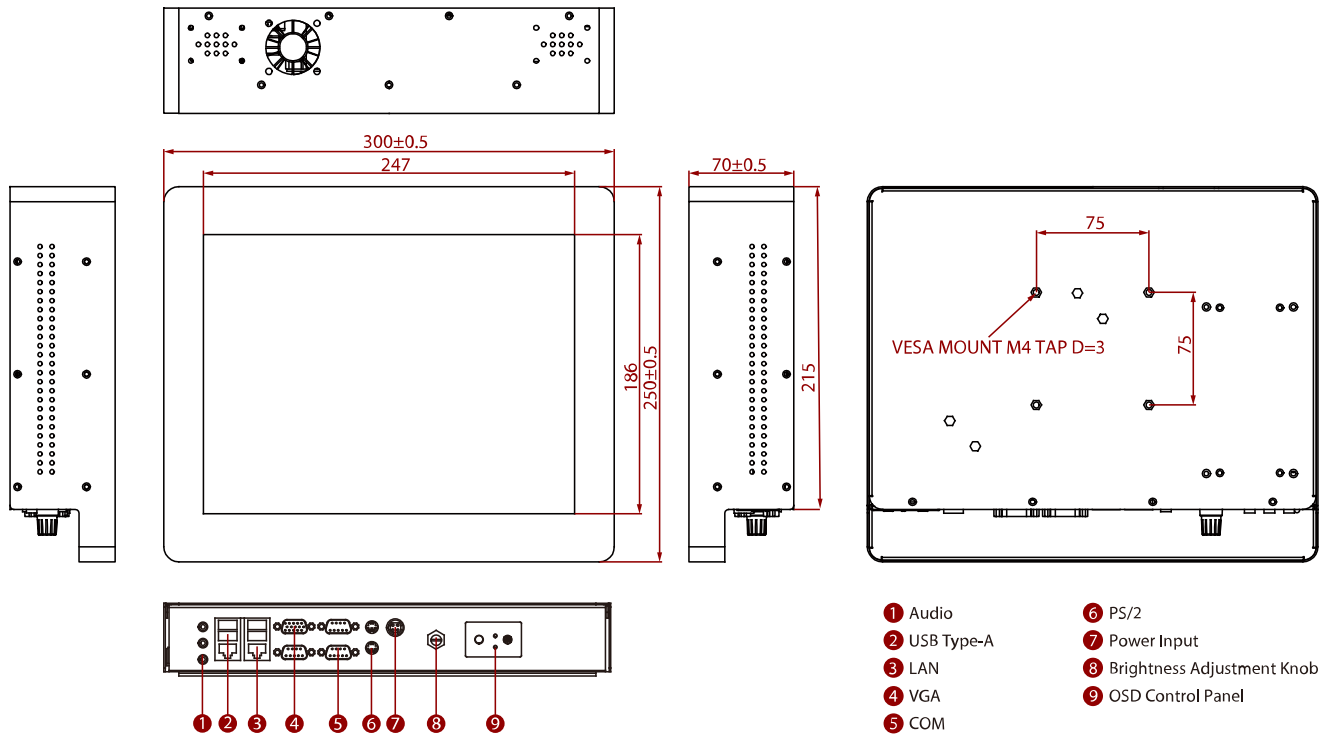


### SPECIFICATIONS

Display	
<b>Resolution</b>	1024x768
<b>Contrast Ratio</b>	700:1
<b>View Angles</b>	89,89,89,89
<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
<b>Size</b>	12.1 inches
<b>Panel Brightness</b>	500 nits
<b>Active Area</b>	245.76 x 184.32 mm
System Specification	
<b>Processor</b>	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)
<b>Storage</b>	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)
<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>BT</b>	Support (Optional)
<b>Ethernet controller</b>	2 x Intel® Ethernet Controller I210-AT
<b>WLAN</b>	Support (Optional)
Mechanical	
<b>Dimension</b>	303 x 217 x 60 mm
<b>Enclosure</b>	Metal Housing
<b>Mounting</b>	VESA Mount
<b>Cooling System</b>	Fanless design
Environment	
<b>Operating Humidity</b>	30% to 90% (non-condensing)
<b>Storage Temperature</b>	-25~65°C
<b>Operating Temperature</b>	-20~60°C
Certification	
<b>Certification</b>	CE, FCC
IO Ports	
<b>Power Input</b>	1 x 12V DC, 2.5φ DC jack
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232
<b>Audio</b>	2 x Speaker
<b>LAN</b>	2 x Giga LAN RJ45 Connector
<b>USB Port</b>	1 x USB3.0 (Type-A) 1 x USB2.0 (Type-A)
<b>Video</b>	1 x HDMI 1.4 (Optional)
<b>Expansion Port</b>	1 x mPCIe slot(for half size Wifi module)
<b>Indicator</b>	1 x LED Indicator for power

<b>Brightness Knob</b>	1 x Brightness Adjustment Knob	<b>mini PCIe</b>	1 x LED Indicator for storage 1 x Mini PCIe(For WLAN)
<b>Control</b>			
<b>Button</b>	1 x Power Button 1 x Reset Button		
<b>Accessory</b>			
<b>Accessory</b>	100~240V AC to DC Adapter Power Cord Driver CD & Manual VESA screws		
<b>Power</b>			
<b>Power Rating</b>	12V DC	<b>Adapter</b>	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.