

# W18IB7T-CHA2

## 18.5" Intel® Celeron® N2930 Chassis Panel PC



### KEY FEATURES

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

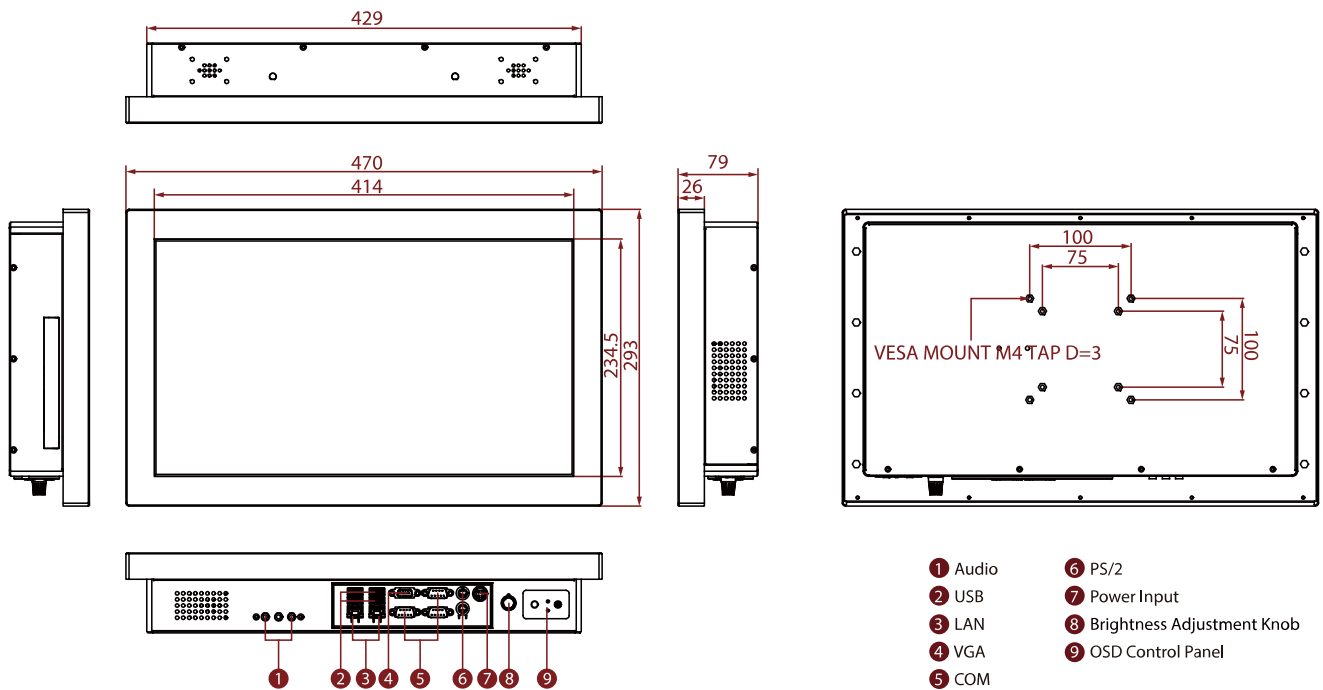


### SPECIFICATIONS

Display	
<b>Resolution</b>	1366x768
<b>Contrast Ratio</b>	1000:1
<b>View Angles</b>	85,85,80,80
<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass w/o Touch Function (Optional)
<b>Size</b>	18.5 inches
<b>Panel Brightness</b>	450 nits
<b>Active Area</b>	409.8X230.4 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) 1 x SATA II for 2.5" HDD (Optional)
<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
<b>Memory</b>	2 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>	470 x 293 x 79 mm
<b>Enclosure</b>	Metal Housing
<b>Mounting</b>	VESA Mount
<b>Cooling System</b>	Fanless design
Environment	
<b>Operating Humidity</b>	10% to 90% (non-condensing)
<b>Storage Temperature</b>	-10~60°C
<b>Operating Temperature</b>	0~50°C
Certification	
<b>Certification</b>	CE, FCC
IO Ports	
<b>Power Input</b>	1 x 12V DC, Din4 pin connector
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 2 x RS232  1 x RS232 (Optional)
<b>Audio</b>	Mic in
<b>USB Port</b>	1 x USB3.0 (Type-A) 3 x USB2.0 (Type-A)
<b>Video</b>	1 x VGA
<b>Expansion Port</b>	2 x mPCIe slot

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<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	<b>PS/2</b>	2 x PS/2
<b>mini PCIe</b>	3 x Mini PCIE		
<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 84W

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. All specifications are subject to change without prior notice.
3. 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.