

W24IB7T-IPA2

23.8" Intel® Celeron® N2930 Front IP65 Panel PC



KEY FEATURES

- 23.8" TFT SXGA LCD
- Intel® Celeron® Bay Trail-M N2930 1.83 GHz Processor
- SO-DIMM DDR3L 1600, max. 8 GB
- Integrated VGA, 24 bit Dual-channel LVDS, DVI
- Integrated Dual Broadcom I210AT GbE Controller
- 1 x SATA II, 3 x COM, 3 x USB 2.0, 1 x USB 3.0, 2 x Mini PCIe slot

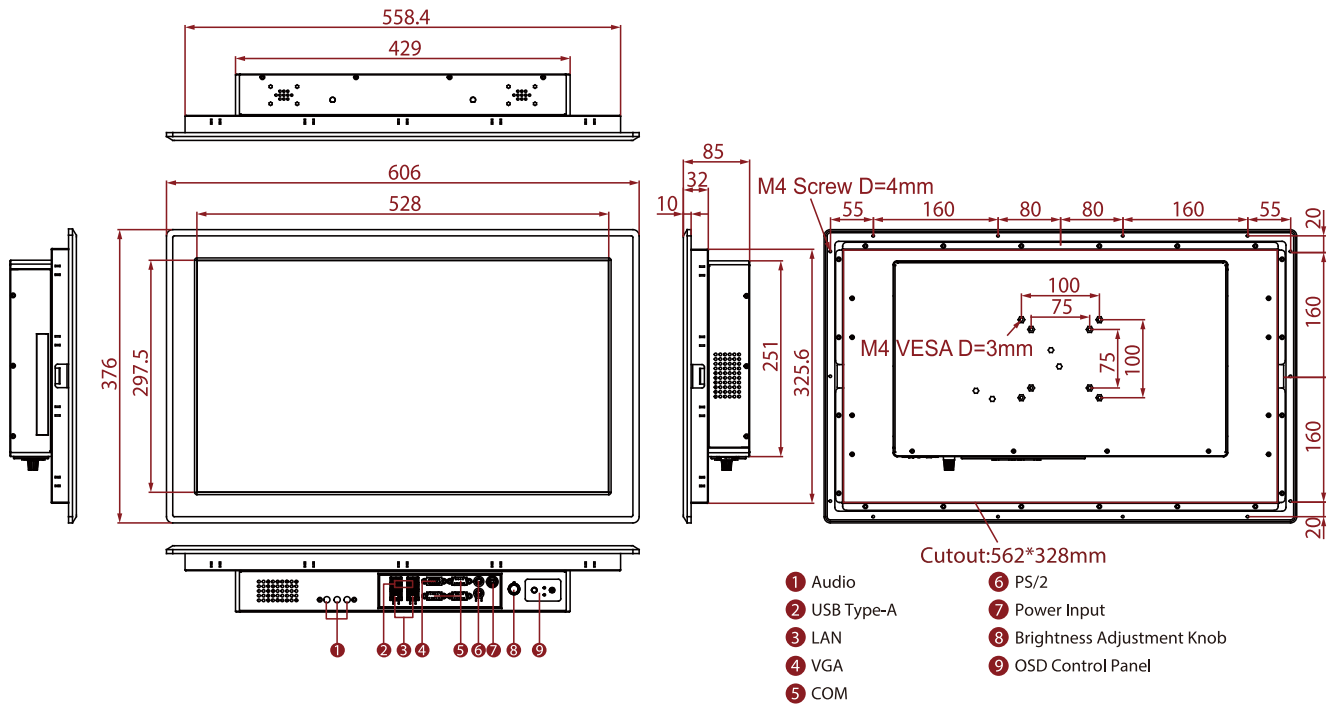


SPECIFICATIONS

Display	
Resolution	1920x1080
Contrast Ratio	3000:1
View Angles	89,89,89,89
Touch / Glass	Resistive Touch Screen Protection Glass w/o Touch Function (Optional)
Size	23.8 inches
Panel Brightness	250 nits
Active Area	527.04x296.46 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) 1 x SATA II for 2.5" HDD (Optional)
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Memory	2 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	606 x 376 x 85 mm
Enclosure	Metal Housing
Cut out	560.5x328mm
Mounting	Panel mount VESA Mount
Cooling System	Fanless design
Environment	
Operating Humidity	10% to 90% (non-condensing)
Storage Temperature	-20~60°C
Operating Temperature	0~50°C
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
Power Input	1 x 12V DC, Din4 pin connector
Serial Port	1 x RS232/422/485 (Default RS232) 2 x RS232
USB Port	1 x USB3.0 (Type-A) 3 x USB2.0 (Type-A)
Video	1 x VGA

	1 x RS232 (Optional)		
Audio	Mic in Line in Line out	Expansion Port	2 x mPCIe slot
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	PS/2	2 x PS/2
mini PCIe	3 x Mini PCIe		
Control			
Button	1 x Power Button 1 x Reset Button		
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord VESA screws Manual Mounting clips		
Power			
Power Rating	12V DC	Adapter	12V 84W

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.