

W22IB7T-IPA3

21.5" Intel® Celeron® N2930 Front IP65 Panel PC



KEY FEATURES

- 21.5" 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 BCM57780 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
Size	21.5 inches
Panel Brightness	250 nits
Touch / Glass	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
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)
Security	TPM 1.2
Memory	2 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
WLAN	802.11 a/b/g/n/ac (Optional)
Ethernet controller	2 x Intel® Ethernet Controller I210-AT
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Mechanical	
Dimension	534 x 349 x 90 mm
Mounting	Panel mount VESA Mount
Enclosure	Metal Housing
Cooling System	Fanless design
Cut out	506x302mm
Environment	
Operating Humidity	10% to 90% (non-condensing)
Operating Temperature	0~50°C
Storage Temperature	-20~60°C
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
USB Port	1 x USB3.0 (Type-A) 3 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 2 x RS232 1 x RS232 (Optional)
Video	1 x VGA
Audio	Mic in Line in

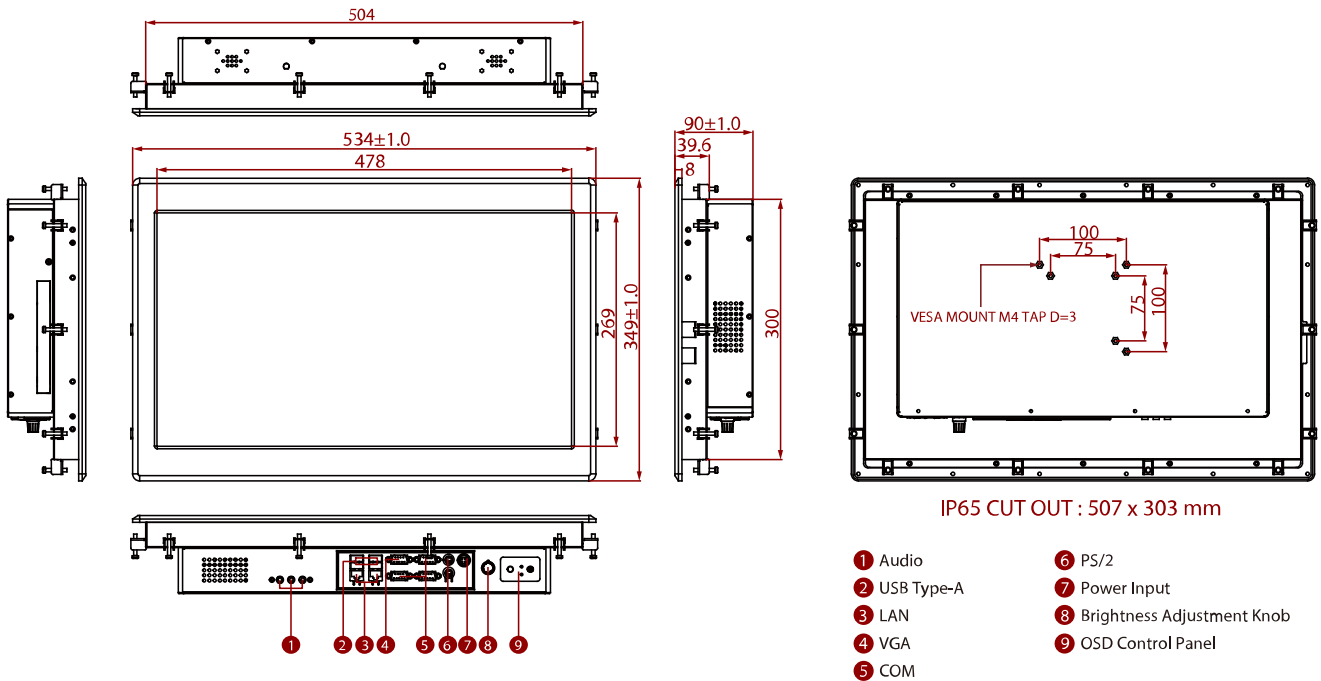
Expansion Port	2 x mPCIe slot	LAN	Line out 2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage	Brightness Knob	1 x Brightness Adjustment Knob
PS/2	2 x PS/2	mini PCIe	3 x Mini PCIE

Control			
Button	1 x Power Button 1 x Reset Button		

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