W15IB7T-PPA4

15.6" PP Series HMI Panel PC



KEY FEATURES

- 15.6", 1920 x 1080, 300 nits
- Aluminum housing and fanless design
- Fanless cooling system and ultra-low power power consumption
- Front IP65 water and dust proof
- Intel® Celeron® Bay Trail-M N2930, 1.83 GHz
- Projected capacitive multi-touch screen
- Room booking schedule, access control, room information display



SPECIFICATIONS

Display

Resolution 1920x1080 Size 15.6 inches Contrast Ratio 800:1 Panel Brightness 300 nits View Angles 85,85,85.85 Type Projected Capacitive Multi Touch Screen System Specification Processor Intel® Celeron® N2930 (2M Cache, up to 2.16 cht2) Memory a 2 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB(Optional) Storage Default 1 x mSATA SSD 64GB 1x SATA If for optional 2.5° HDD Expansion 4G/L*E(Optional) Ethernet controller 2 x Intel® Ethernet Controller I210-AT Security TPM 1.2 Operating System Windows 7 Embedded Systems(Optional) windows 10 loT Enterprise(Optional) linux Ubuntu 18.04(Optional) WLAN 802.11 a/b/g/n/ac(Optional) BT BT Support(Optional) WINDOWS 7 Embedded Systems(Optional) windows 10 loT Enterprise(Optional) WINDOWS 7 Embedded Systems(Optional) Panel mount VESA Mount Mechanical Enterprise (Optional) Mechanical Coling System Panel mount VESA Mount Enclosure Metal Housing Operating Properation Properating Properation Properating Properation Properating Properation Properating Properation	• •				
View Angles 85,85,85,85 Type Projected Capacitive Multi Touch Screen System Specification Intel® Celeron® N2930 (2M Cache, up to 2.16 eHz) Memory and ScB(Optional) 2 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB(Optional) Storage Default 1 x mSATA SSD 64GB 1 x SATA II for optional 2.5° HDD Expansion 4 G/L TE (Optional) Ethernet controller 2 x Intel® Ethernet Controller 1210-AT Security TPM 1.2 Operating System Windows 7 Embedded Systems (Optional) (Inux Ubuntu 18.04(Optional)) WLAN 802.11 a/b/g/n/ac(Optional) BT B T Support(Optional) WLAN 802.11 a/b/g/n/ac(Optional) BT 415 x 275 x 79 mm Mounting Panel mount VESA Mount Enclosure Metal Housing Cooling System Fanless design Cut out 375x238mm Fanity From From From From From From From From	Resolution	1920x1080	Size	15.6 inches	
System Specification Processor Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz) Memory and CHz 2 x SO-DIMM, DDR3L 1600 MHz, 4GB aGB(Optional) Storage Default 1 x mSATA SSD 64GB 1 x SATA II for optional 2.5" HDD Expansion 4 G/LTE(Optional) Ethernet controller 2 x Intel® Ethernet Controller (210-AT Security TPM 1.2 Operating System Windows 7 to Tenbedded Systems(Optional) Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04(Optional) WLAN 802.11 a/b/g/n/ac(Optional) BT B T Support(Optional) WLAN 802.11 a/b/g/n/ac(Optional) Mechanical WLAN \$ 302.11 a/b/g/n/ac(Optional) Binension 415 x 275 x 79 mm Mounting Panel mount VESA Mount Enclosure Metal Housing Cooling System Fanless design Cut out 375x238mm Fanless design Environment Promperature O-50°C Storage Temperature 20-60°C IP rating Front IP65 Certification CE, FCC Certification CE, FCC Usb Port 1 x RS232/422/485 (Default RS232) 2 2 x RS232 2 2 x RS232 2 2 x RS232 2 2 x RS232 2 2 x R	Contrast Ratio	800:1	Panel Brightness	300 nits	
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Ethernet controller 2x Intel® Ethernet Controller 1210-AT Security TPM 1.2 Operating System Windows 7 Embedded Systems(Optional) WIAN 802.11 a/b/g/n/ac(Optional) WI	Processor		Memory		
Operating System Windows 7 Embedded Systems(Optional) Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04(Optional) WLAN 802.11 a/b/g/n/ac(Optional) BT BT Support(Optional) WEAN 802.11 a/b/g/n/ac(Optional) Mechanical Mechanical Dimension 415 x 275 x 79 mm Mounting Panel mount VESA Mount Enclosure Metal Housing Cooling System Fanless design Cut out 375x238mm Fanless design Environment Operating Humidity 10% to 90% (non-condensing) Operating Temperature Front IP65 Storage Temperature -20~60°C IP rating Front IP65 Certification CE, FCC IO Ports USB Port 1 x USB3.0 (Type-A) 3 x USB2.0 (Type-A) 3 x USB2.0 (Type-A) Serial Port 2 x RS232 1 x RS232(Optional) 1 x RS232(Optional) Video 1 x VGA Audio Mic in Line in Line out	Storage		Expansion	4G/LTE(Optional)	
Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04(Optional) BT BT Support(Optional) Mechanical Mechanical Dimension 415 x 275 x 79 mm Mounting Panel mount VESA Mount Enclosure Metal Housing Cooling System Fanless design Cut out 375x238mm Environment Operating Humidity 10% to 90% (non-condensing) Operating Temperature Premperature Storage Temperature Certification CE, FCC IO Ports USB Port 1 x USB3.0 (Type-A) 3 x USB2.0 (Type-A) 3 x USB2.0 (Type-A) 1 x RS232/(Optional) Video 1 x VGA Audio Micin in Line	Ethernet controller	2 x Intel® Ethernet Controller I210-AT	Security	TPM 1.2	
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Part	Mechanical				
Cut out 375x238mm 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 RS232/422/485 (Default RS232) 2 x RS232 1 x RS232 (Optional) Video 1 x VGA Audio Mic in Line in Line in Line out	Dimension	415 x 275 x 79 mm	Mounting		
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Operating Humidity 10% to 90% (non-condensing) Operating Temperature 0~50°C Storage Temperature -20~60°C IP rating Front IP65 Certification CE, FCC IO Ports USB Port 1 x USB3.0 (Type-A) 3 x USB2.0 (Type-A) 3 x USB2.0 (Type-A) Serial Port 2 x RS232 1 x RS232(Optional) Video 1 x VGA Audio Mic in Line in Line out	Cut out	375x238mm			
Storage Temperature Certification CE, FCC IO Ports USB Port 1 x USB3.0 (Type-A) 3 x USB2.0 (Type-A) 4 x VGA Audio Temperature IP rating Front IP65 Front	Environment				
Temperature Certification CE, FCC IO Ports 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 Line out	Operating Humidity	10% to 90% (non-condensing)		0~50°C	
Certification CE, FCC IO Ports 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 Line in Line out	•	-20~60°C	IP rating	Front IP65	
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3 x USB2.0 (Type-A) 2 x RS232 1 x RS232(Optional) Video 1 x VGA Audio Mic in Line in Line out	IO Ports				
Line in Line out	USB Port		Serial Port	2 x RS232	
Expansion Port 2 x mPCle slot LAN 2 x Giga LAN RJ45 Connector	Video	1 x VGA	Audio	Line in	
	Expansion Port	2 x mPCle slot	LAN	2 x Giga LAN RJ45 Connector	

Indicator 1 x LED Indicator for power Brightness Knob 1 x Brightness Adjustment Knob

2 x PS/2 **mini PCle** 3 x Mini PCIE

Control

PS/2

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

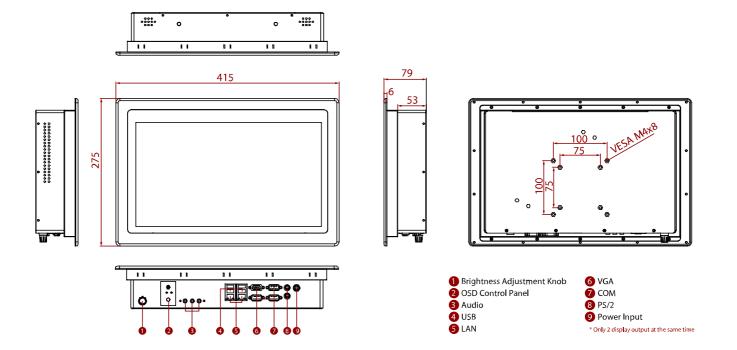
1 x LED Indicator for storage

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. 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.