

# W24IW3S-PPA2

## 23.8" Intel® Core™ i5-8265U PP Series HMI Panel PC



### KEY FEATURES

- 23.8" LED LCD with Projective Capacitive multi-touch screen
- Intel® 8th Generation Core™ i5-8265U, 1.6 GHz (turbo to 3.9GHz)
- Fanless cooling system and ultra-low power
- Front IP65 Water and Dust Proof
- Aluminum housing and fanless design
- Room booking schedule, Access Control, Room Information Display

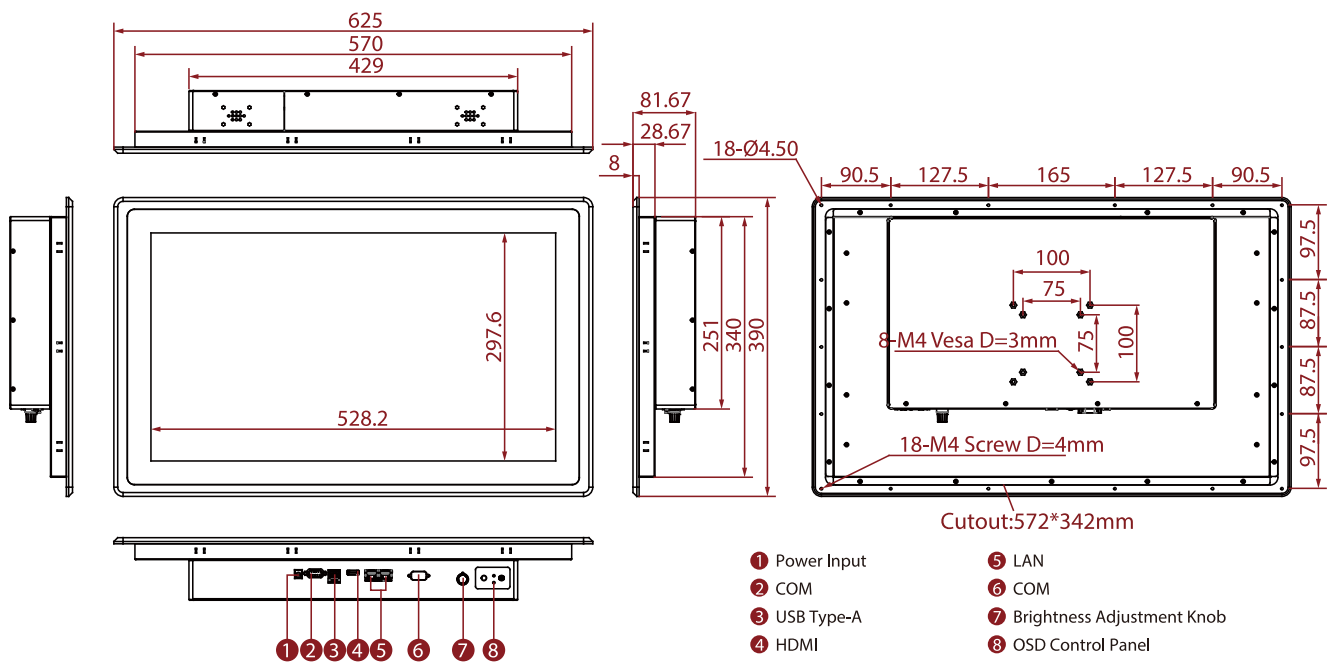


### SPECIFICATIONS

Display	
<b>Resolution</b>	1920x1080
<b>Contrast Ratio</b>	3000:1
<b>View Angles</b>	89,89,89,89
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen
<b>Size</b>	23.8 inches
<b>Panel Brightness</b>	250 nits
<b>Active Area</b>	527.04x296.46 mm
System Specification	
<b>Processor</b>	Intel® Core™ i5 -8265U (6M Cache, 1.6GHz up to 3.9 GHz)
<b>Storage</b>	1 x M.2 2242 B-key SSD 64GB M.2 2242 B-key SSD up to 512GB (Optional) M.2 2280 M-Key NVME SSD, up to 4TB (Optional)
<b>Security</b>	TPM 2.0
<b>WLAN</b>	Support (Optional)
<b>Memory</b>	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
<b>Ethernet controller</b>	Intel® Ethernet Controller I210-AT + Intel® Ethernet Connection I219-LM
<b>Operating System</b>	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional) Linux Ubuntu 20.04 (Optional)
<b>BT</b>	Support (Optional)
Mechanical	
<b>Dimension</b>	625 x 390 x 81.67 mm
<b>Enclosure</b>	Metal Housing
<b>Cut out</b>	575x345mm
<b>Mounting</b>	Panel mount VESA Mount
<b>Cooling System</b>	Fanless design
Environment	
<b>Operating Humidity</b>	10% to 90% (non-condensing)
<b>Storage Temperature</b>	-20~60°C
<b>Operating Temperature</b>	0~50°C
<b>IP rating</b>	Front IP65
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>USB Port</b>	2 x USB3.2 Gen.1 (Type-A)
<b>Video</b>	1 x HDMI 1.4 (Optional)

<b>Audio</b>	2 x Speaker	<b>Expansion Port</b>	2 x M.2 slot(1 for WiFi, 1 for SSD)
<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>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 VESA screws Manual Mounting clips		
<b>Power</b>			
<b>Power Rating</b>	12V DC	<b>Adapter</b>	12V 120W

## DIMENSIONS UNIT:MM



## NOTE

1. Measurements are shown in mm.
2. Tolerance of all dimensions is shown as follow 0~30 mm  $\pm$  0.1 mm, 30~50 mm  $\pm$  0.15 mm, 50~120 mm  $\pm$  0.2 mm, above 120 mm  $\pm$  0.25 mm.
3. This is a simplified drawing and some components are not marked in detail.
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.