

# W24IK3S-PPA2

## 23.8" Intel® Core™ i5-7200U PP Series HMI Panel PC



### KEY FEATURES

- 23.8" LED LCD with Projective Capacitive multi-touch screen
- Intel® 7th Generation Core™ i5-7200U, 2.5 GHz
- 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			
Resolution	1920x1080	Size	23.8 inches
Contrast Ratio	3000:1	Panel Brightness	250 nits
View Angles	89,89,89,89	Active Area	527.04x296.46 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
Processor	Intel® Core™ i5-7200U (3M Cache, up to 3.10 GHz) Intel® Core™ i5-7300U (3M Cache, up to 3.50 GHz)	Memory	1 x SO-DIMM, DDR4 2133 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 SSD 64GB M.2 2242 SSD up to 512GB (Optional)	Ethernet controller	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
WLAN	Support (Optional)	BT	Support (Optional)
Mechanical			
Dimension	625 x 390 x 81.67 mm	Mounting	Panel mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Cut out	575x345mm		
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			
Power Input	1 x 12V DC, 2.5φ DC jack	USB Port	2 x USB3.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x HDMI 1.4 (Optional)
Audio	2 x Speaker	Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD)
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

**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

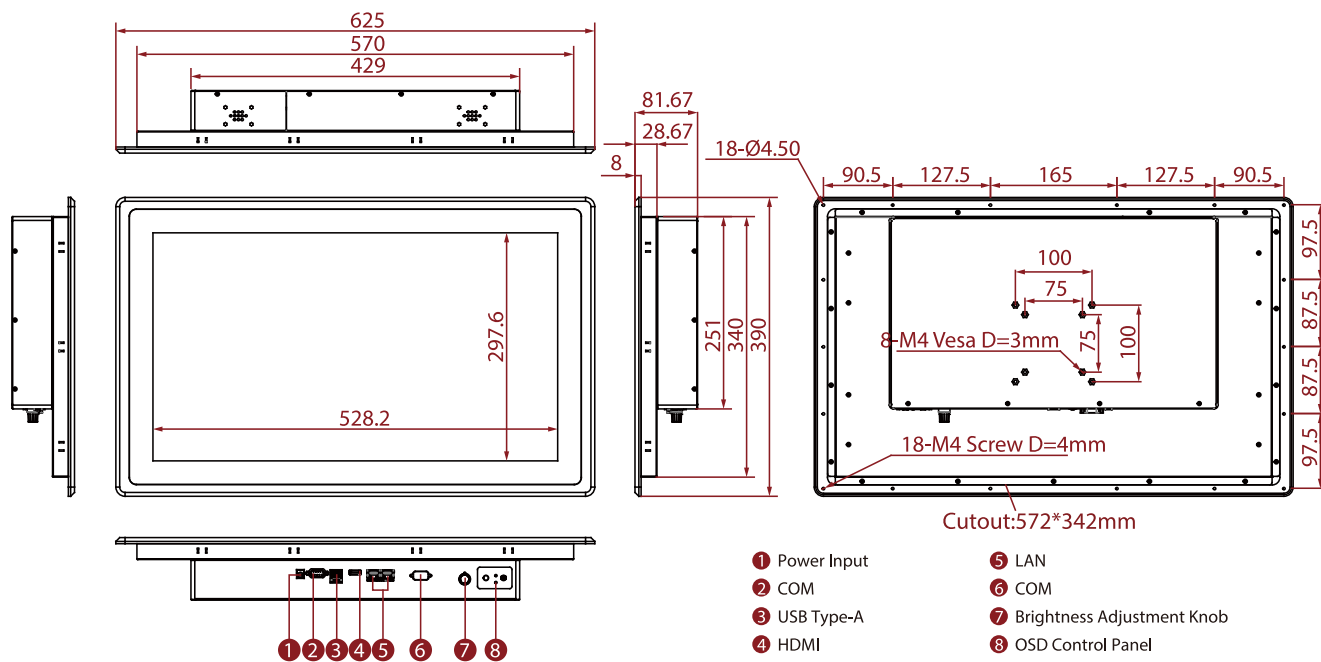
**Power**

**Power Rating** 12V DC

**Adapter**

12V 120W

**DIMENSIONS** UNIT:MM



**NOTE**

1. Measurements are shown in mm.
2. Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 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.