

# W18IW3S-RKA1

## 18.5" Intel® Core™ i5-8265U Rack Mount Panel PC



### KEY FEATURES

- 18.5" 1920 x 1080 Resolution
- Intel® 8th Generation Core™ i5-8265U processor (turbo to 3.9GHz)
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, Two Serial Ports and Two USB 3.0 Ports
- 12V DC Power input

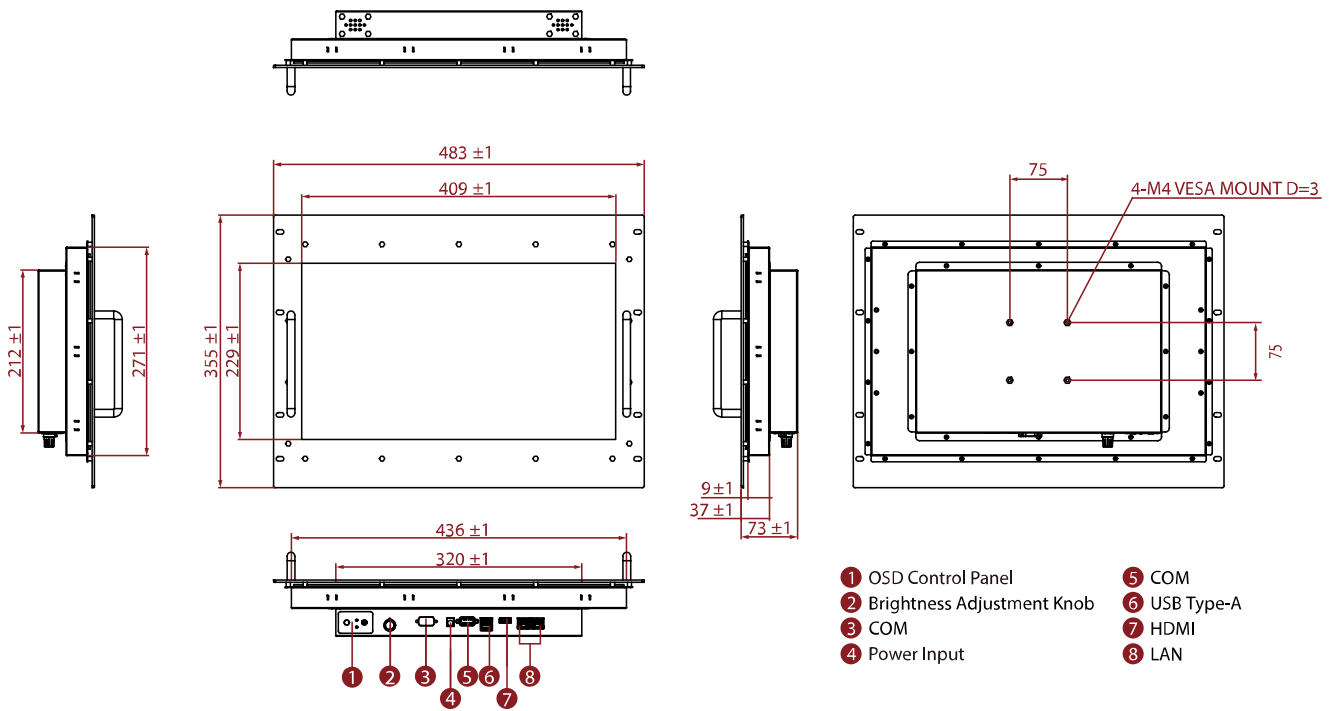


### SPECIFICATIONS

Display	
<b>Resolution</b>	1920x1080
<b>Contrast Ratio</b>	1000:1
<b>View Angles</b>	89,89,89,89
<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass w/o Touch Function (Optional)
<b>Size</b>	18.5 inches
<b>Panel Brightness</b>	350 nits
<b>Active Area</b>	408.96x230.04 mm
System Specification	
<b>Processor</b>	Intel® Core™ i5 -8265U (6M Cache, 1.6GHz up to 3.9 GHz)
<b>Memory</b>	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
<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>Ethernet controller</b>	Intel® Ethernet Controller I210-AT + Intel® Ethernet Connection I219-LM
<b>Security</b>	TPM 2.0
<b>Operating System</b>	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional) Linux Ubuntu 20.04 (Optional)
<b>WLAN</b>	Support (Optional)
<b>BT</b>	Support (Optional)
Mechanical	
<b>Dimension</b>	483 x 355 x 73 mm
<b>Mounting</b>	Rack Mount(8U)
<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fanless design
Environment	
<b>Operating Humidity</b>	10% to 90% (non-condensing)
<b>Operating Temperature</b>	0~50°C
<b>Storage Temperature</b>	-10~60°C
Certification	
<b>Certification</b>	CE, FCC
IO Ports	
<b>Power Input</b>	1 x 12V DC, 2.5φ DC jack
<b>USB Port</b>	2 x USB3.0 (Type-A)
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232
<b>Video</b>	1 x HDMI 1.4 (Optional)
<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>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 Driver CD & Manual VESA screws		
<b>Power</b>			
<b>Power Rating</b>	12V DC (Lockable Power Jack)	<b>Adapter</b>	12V 84W

**DIMENSIONS** UNIT:MM



**NOTE**

1. 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.