

# W18IK3S-RKA1

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



### KEY FEATURES

- 18.5" 1920 x 1080 Resolution Rack Mount Panel PC
- Intel® 7th Generation Core™ i5 processor
- 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>Size</b>	18.5 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	350 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	408.96x230.04 mm
<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass Without Touch Function (Optional)		
System Specification			
<b>Processor</b>	Intel® Core™ i5-7200U (3M Cache, up to 3.10 GHz) Intel® Core™ i5-7300U (3M Cache, up to 3.50 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 2133 MHz, 4GB 8GB (Optional) 16GB (Optional)
<b>Storage</b>	1 x M.2 2242 SSD 64GB M.2 2242 SSD up to 512GB (Optional)	<b>Ethernet controller</b>	Intel® Ethernet Controller I211-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)
<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>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

**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  
Driver CD & Manual  
VESA screws

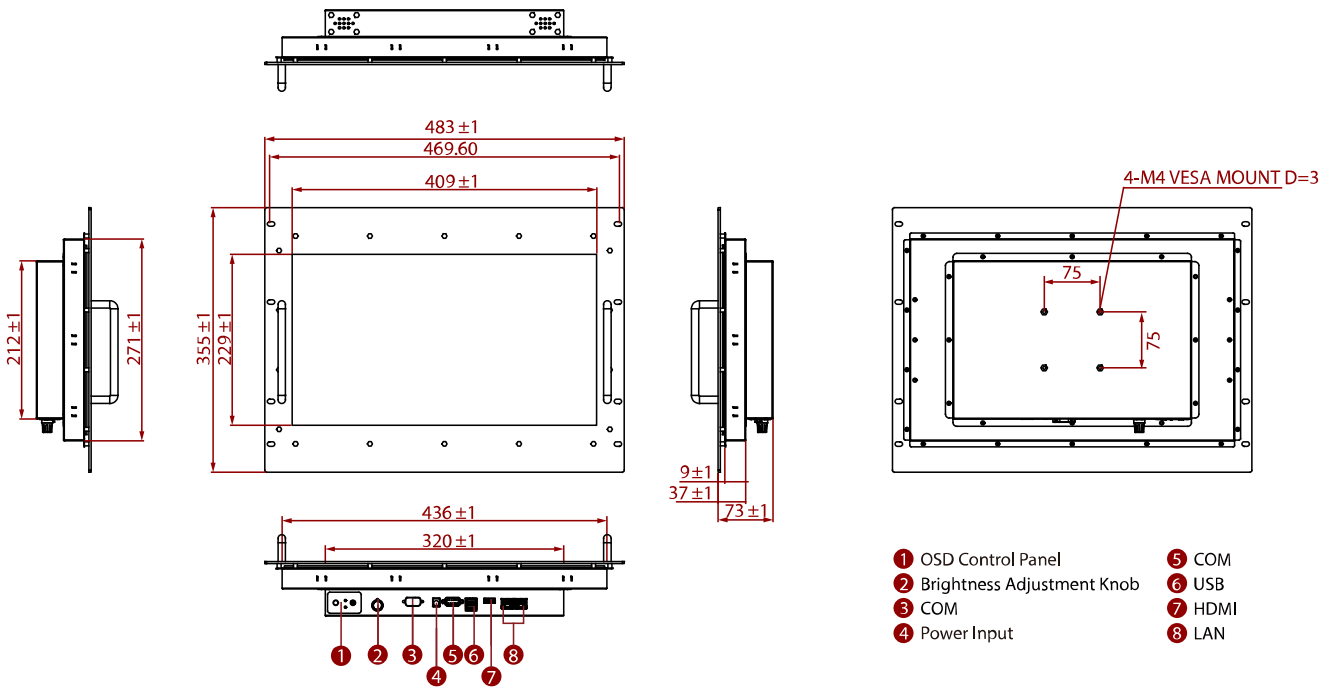
**Power**

**Power Rating** 12V DC (Lockable Power Jack)

**Adapter**

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.