

# W18IK7T-IPA2

18.5" Front IP65 Panel PC



## KEY FEATURES

- 18.5" 1366 x 768 Resolution
- 7th Gen. Intel® Core™ i3/i5/i7 processor Kaby Lake
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.0 Ports
- 12 V DC Power input
- DP Support 4096 x 2304 @ 60 Hz
- HDMI Support 4096 x 2304 @ 24 Hz

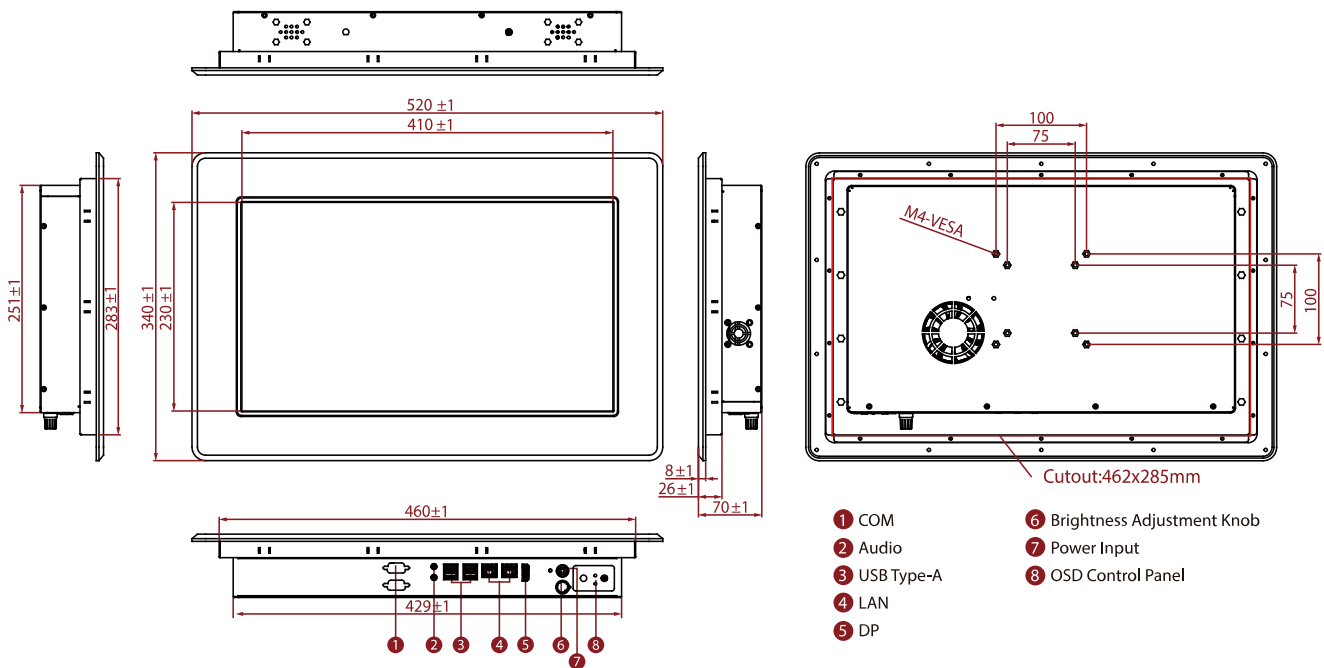


## SPECIFICATIONS

System Specification			
<b>Processor</b>	Intel® Core™ i7-7700T (8M Cache, 2.9 GHz up to 3.80 GHz) Intel® Core™ i5-7500T (6M Cache, 2.7GHz up to 3.30 GHz) Intel® Core™ i3-7100T (4M Cache, 3.34 GHz)	<b>Chipset</b>	Intel® H170
<b>Memory</b>	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 2 x SO-DIMM, up to 32GB (Optional)	<b>Storage</b>	1 x M.2 2242 B-key SSD 64GB. M.2 2242 B-key SSD Up to 512GB. (Optional) 1 x 2.5" SSD / HDD (Optional) 2 x SATA III support RAID 0,1 (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>	802.11 a/b/g/n/ac (Optional)
<b>BT</b>	BT Support (Optional)		
Display			
<b>Resolution</b>	1366x768	<b>Size</b>	18.5 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	250 nits
<b>View Angles</b>	85,85,80,80	<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
Mechanical			
<b>Dimension</b>	520 x 340 x 70 mm	<b>Mounting</b>	Panel mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fan design
<b>Cut out</b>	462x285mm		
Environment			
<b>Operating Humidity</b>	10% to 90% (non-condensing)	<b>Operating Temperature</b>	0~50°C
<b>Storage Temperature</b>	-20~60°C	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>USB Port</b>	4 x USB3.0 (Type-A)	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)

<b>Video</b>	1 x HDMI 1.4 1 x DP1.2 (Optional)	<b>Audio</b>	1 x RS232 1 x Mic in 1 x Line out 2 x Speaker
<b>Expansion Port</b>	2 x M.2 slot(1 for WiFi, 1 for SSD) 1 x PCIe 16 (Optional)	<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 Driver CD & Manual VESA screws Mounting clips		
<b>Power</b>			
<b>Power Rating</b>	12V DC (Lockable Power Jack)	<b>Adapter</b>	12V 120W

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
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.