

# R19IK7T-OFA1

## 19" Intel® Core™ i3/i5/i7 Open Frame Panel PC



### KEY FEATURES

- 19" 1280 x1024 Resistive touchscreen
- 7th Gen. Intel® Core™ i3/i5/i7 processor (Kaby Lake)
- Flexible storage devices, one 2.5-inch HDD and one SSD
- 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

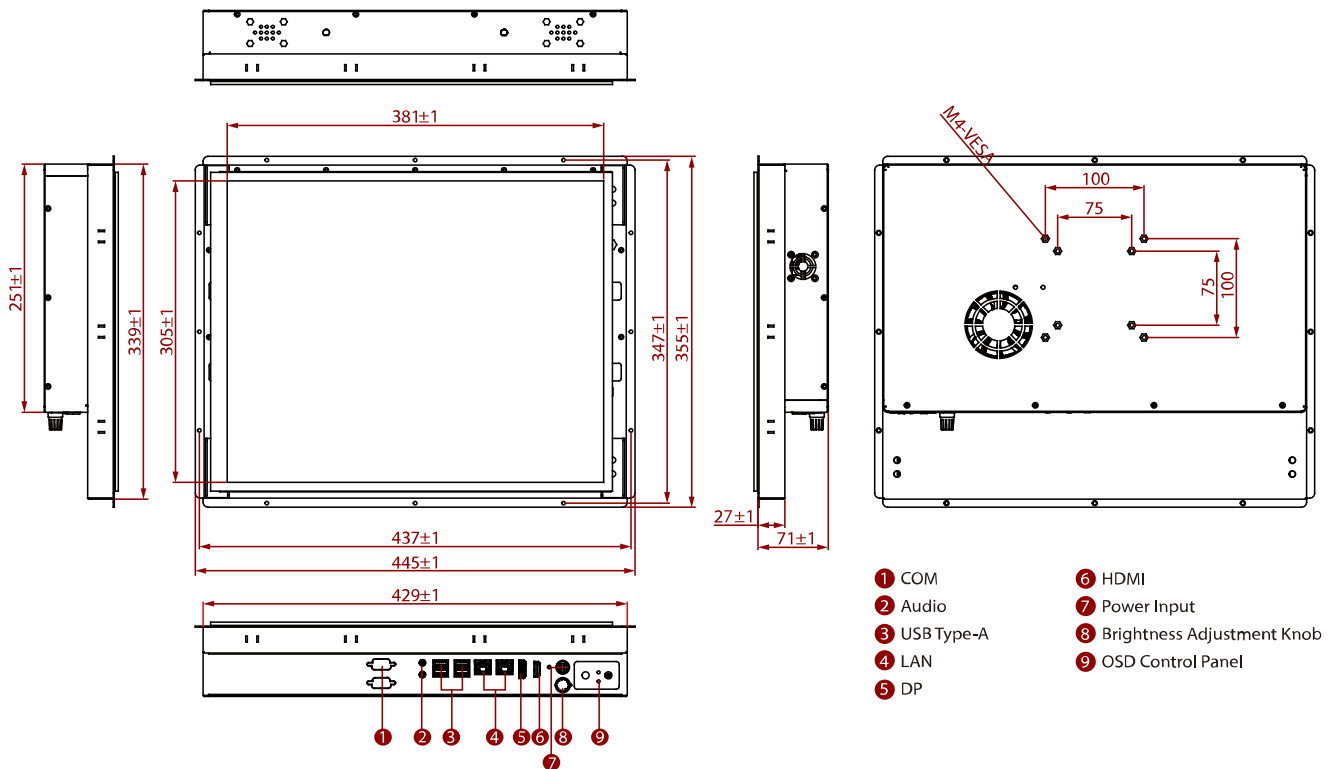


### SPECIFICATIONS

Display			
<b>Resolution</b>	1280x1024	<b>Size</b>	19.0 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	400 nits
<b>View Angles</b>	85,85,80,80	<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
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)		
Mechanical			
<b>Dimension</b>	445 x 355 x 71 mm	<b>Mounting</b>	Open Frame panel mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fan 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>USB Port</b>	4 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 1 x DP1.2 (Optional)	<b>Audio</b>	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 x 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>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.