

R19IF7T-IPA1

19" Intel® Core™ i3/i5/i7 (Coffee Lake Refresh) Front IP65 Panel PC



KEY FEATURES

- 19" 1280 x 1024 Resolution
- Intel® 9th Gen. Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.2 Gen. 1 Ports
- 12 V DC Power input
- DP Support 4096 x 2304 @ 60 Hz
- HDMI Support 4096 x 2304 @ 24 Hz

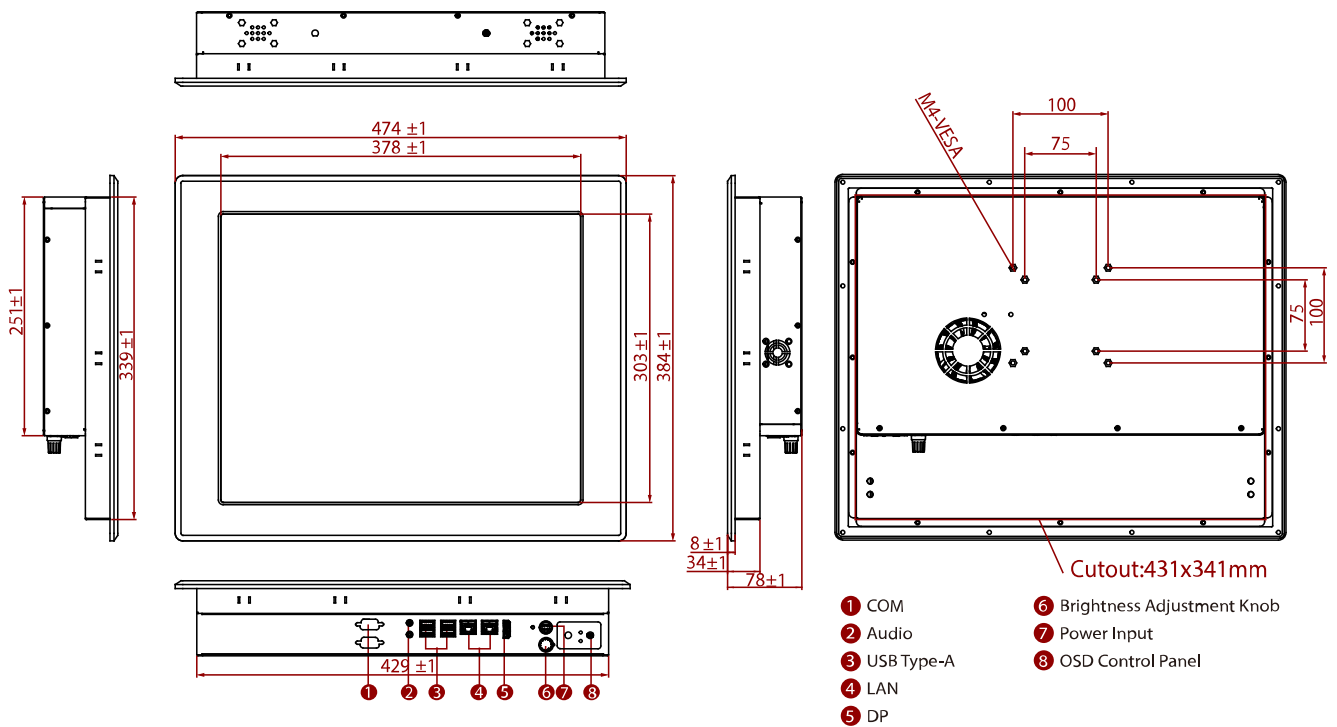


SPECIFICATIONS

Display	
Resolution	1280x1024
Contrast Ratio	1000:1
View Angles	85,85,80,80
Touch / Glass	Resistive Touch Screen Protection Glass w/o Touch Function (Optional)
Size	19 inches
Panel Brightness	400 nits
Active Area	376.32x301.06 mm
System Specification	
Processor	Intel® Core™ i7-9700TE (12M Cache, up to 3.80 GHz) Intel® Core™ i5-9500TE (9M Cache, up to 3.60 GHz) Intel® Core™ i3-9100TE (6M Cache, up to 3.20 GHz)
Chipset	Intel® Q370
Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, up to 64GB (Optional)
Storage	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) 2 x SATA III support RAID 0,1 (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) Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)
BT	Support (Optional)
Mechanical	
Dimension	474 x 384 x 78 mm
Mounting	Panel mount VESA Mount
Enclosure	Metal Housing
Cooling System	Fan design
Cut out	431x341mm
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, Din4 pin connector	USB Port	4 x USB3.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x DP1.2 1 x HDMI 1.4 (Optional)
Audio	1 x Mic in 1 x Line out 2 x Speaker	Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD) 1 x PCIe 16 (Optional)
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 (Lockable Power Jack)	Adapter	12V 120W

DIMENSIONS UNIT:MM



NOTE

1. Measurements 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
- Note: this is a simplified drawing and some components are not marked in detail.
3. Please, contact our sales representative if you need further product information.
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.