

W18IF7T-PMA2

18.5" Intel® 9th Generation Core™ i3/i5/i7 Coffee Lake Panel Mount Panel PC



KEY FEATURES

- 12 V DC Power input
- 18.5" 1366 x 768 Resolution
- DP Support 4096 x 2304 @ 60 Hz
- Flexible storage devices, one 2.5-inch HDD and one SSD
- HDMI Support 4096 x 2304 @ 24 Hz
- Intel® 9th Generation Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.2 Gen. 1 Ports

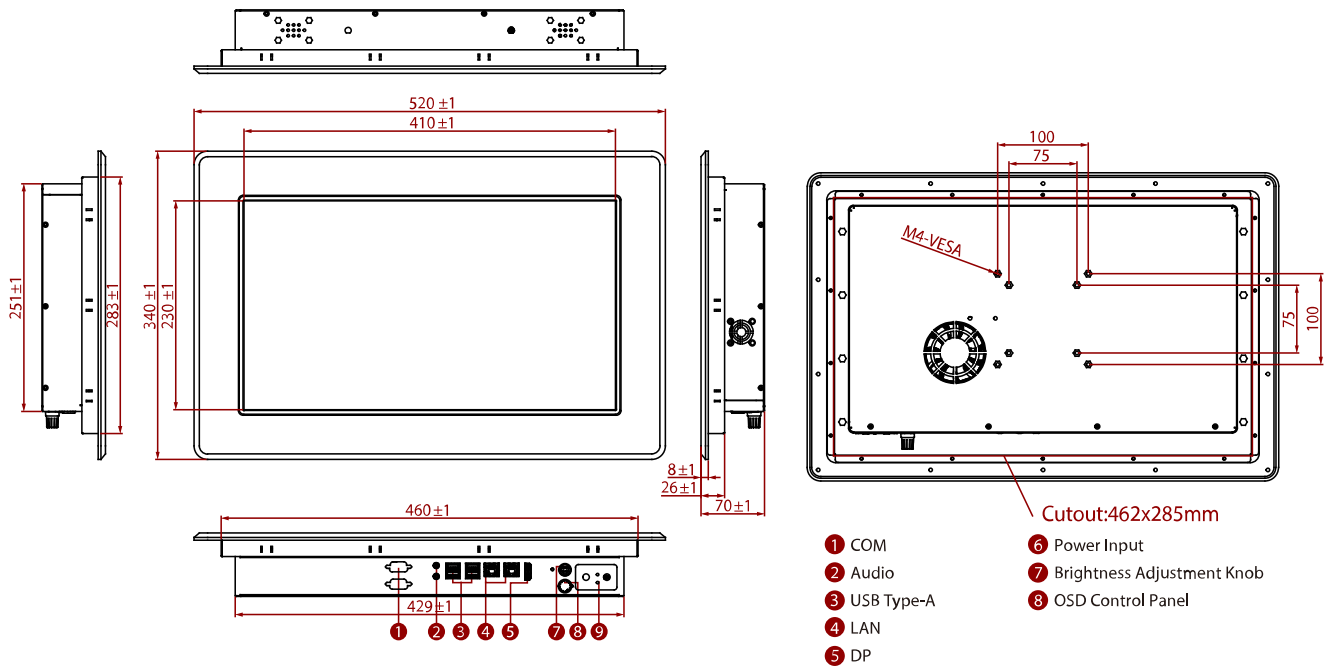


SPECIFICATIONS

Display			
Resolution	1366x768	Size	18.5 inches
Contrast Ratio	1000:1	Panel Brightness	250 nits
View Angles	85,85,80,80	Type	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
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 NVME SSD, up to 4TB (Optional) 2 x SATA III support RAID 0,1 (Optional)
Expansion	1 x M.2 2242/2280 Slot (for NVME SSD or SATA III SSD) 1 x M.2 2232 E-Key Slot (for half size Wifi module) 1 x PCIe 3.0 (x16) slot (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)
WLAN	802.11 a/b/g/n/ac (Optional)	BT	BT Support (Optional)
Mechanical			
Dimension	520 x 340 x 70 mm	Mounting	Panel mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fan design
Cut out	462x285mm		
Environment			
Operating Humidity	10% to 90% (non-condensing)	Operating Temperature	0~50°C
Storage Temperature	-10~60°C		
Certification			

Certification	CE, FCC		
IO Ports			
USB Port	4 x USB3.2 Gen.1 (Type-A)	Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232
Video	1 x HDMI 1.4 1 x DP1.2 (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 Driver CD & Manual VESA screws Mounting clips		

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.