

W18IF7T-OFA2

18.5" Intel® Core™ i3/i5/i7 (Coffee Lake Refresh) Open Frame Panel PC



KEY FEATURES

- 18.5" 1366 x 768 Resistive touchscreen
- Intel® 9th Gen. Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Flexible storage devices, one 2.5-inch HDD and one SSD
- 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



OVERVIEW



Resistive Touch/ Optional Protective Glass

For the convenience of the operators in the industrial environment, the Panel PC offers flexible surface options such as cover glass (when touch is not required) and a resistive touch screen to meet different specifications.



Low Power Consumption

This Panel PC is designed for low power consumption and effective heat dissipation, making it durable for long-term usage in production facilities. It is the ultimate energy-efficient solution.



Rear and VESA mounting

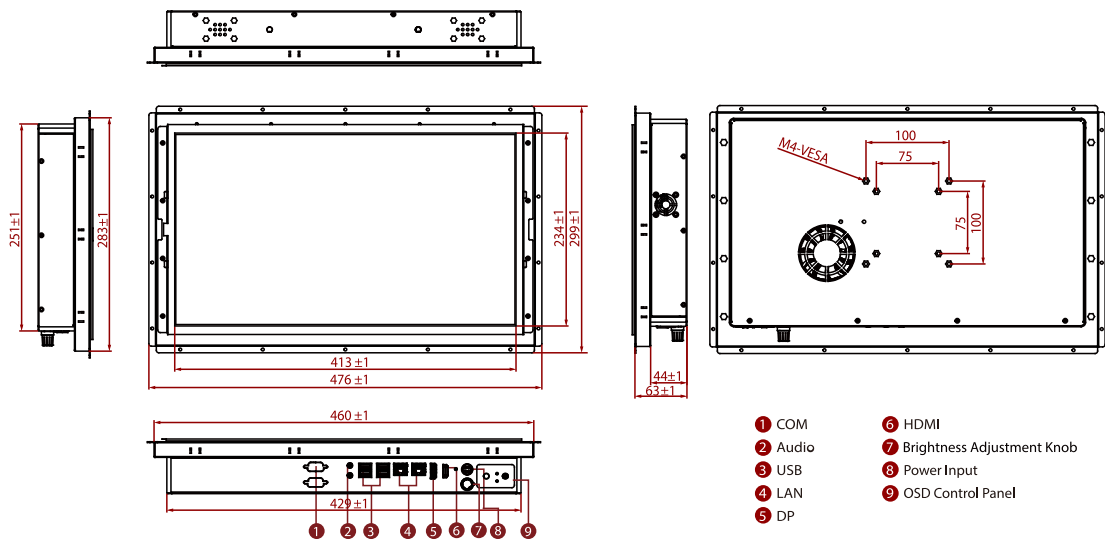
Several mounting solutions such as rear and VESA mounting that users can choose the most suitable mounting options for their application.

SPECIFICATIONS

Display			
Resolution	1366x768	Size	18.5 inches
Contrast Ratio	1000:1	Panel Brightness	450.0 nits
View Angles	85,85,80,80	Active Area	409.8X230.4 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		
System Specification			
Processor	Intel Core i7-9700TE 1.8GHz (up to 3.8GHz) Intel Core i5-9500TE 2.2GHz (up to 3.6GHz) (Optional) Intel Core i3-9100TE 2.2GHz (up to 3.2GHz) (Optional)	Chipset	Intel® B360(No vPRO) Intel® Q370(Support vPRO and NVMe) (Optional)
Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, DDR4 2400 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (Optional)	Storage	1 x M.2 2242 B-key SSD 128GB 256GB (Optional) 512GB (Optional) 1 x M.2 2280 M-Key NVMe SSD 128GB (Optional) 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 2 x SATA III for 2.5" SSD/HDD support RAID 0,1 (Optional)
Ethernet controller	2 x Intel® Ethernet Controller	Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional)	WLAN	Support (Optional)

BT	Linux Ubuntu 20.04 (Optional) Support (Optional)		
Mechanical			
Dimension	476 x 299 x 63 mm	Weight	4.7 kg
Mounting	Open Frame Panel Mount VESA Mount	Enclosure	Metal Housing
Cooling System	Fan design		
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB3.2 Gen1x1 (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	1 x M.2 2280/2242 M-Key Slot (for NVME SSD or SATA III SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module) 1 x PCIe 3.0 (x16) slot
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		
Power			
Power Rating	12V DC (Lockable Power Jack)	Adapter	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.