

W24IF7T-POA2

23.8" Intel® Core™ i3/i5/i7 PO Series HMI Panel PC



KEY FEATURES

- 23.8" 1920 x 1080 Resolution
- Intel® 9th Generation Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, Two Serial Ports, and Four USB 3.2 Gen. 1 Ports
- 12 V DC Power input
- DP Support 4096 x 2304 @ 60 Hz
- HDMI Support 2560 x 1600 @ 60 Hz



SPECIFICATIONS

Display			
Resolution	1920x1080		
Contrast Ratio	3000:1		
View Angles	89,89,89,89		
Touch / Glass	Projected Capacitive Multi Touch Screen		
Size	23.8 inches		
Panel Brightness	250 nits		
Active Area	527.04x296.46 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	615 x 385 x 68.8 mm	Mounting	Open Frame panel mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 90% (non-condensing)	Operating Temperature	0~50°C
Storage Temperature	-10~60°C		
Certification			
Certification	CE, FCC		
IO Ports			

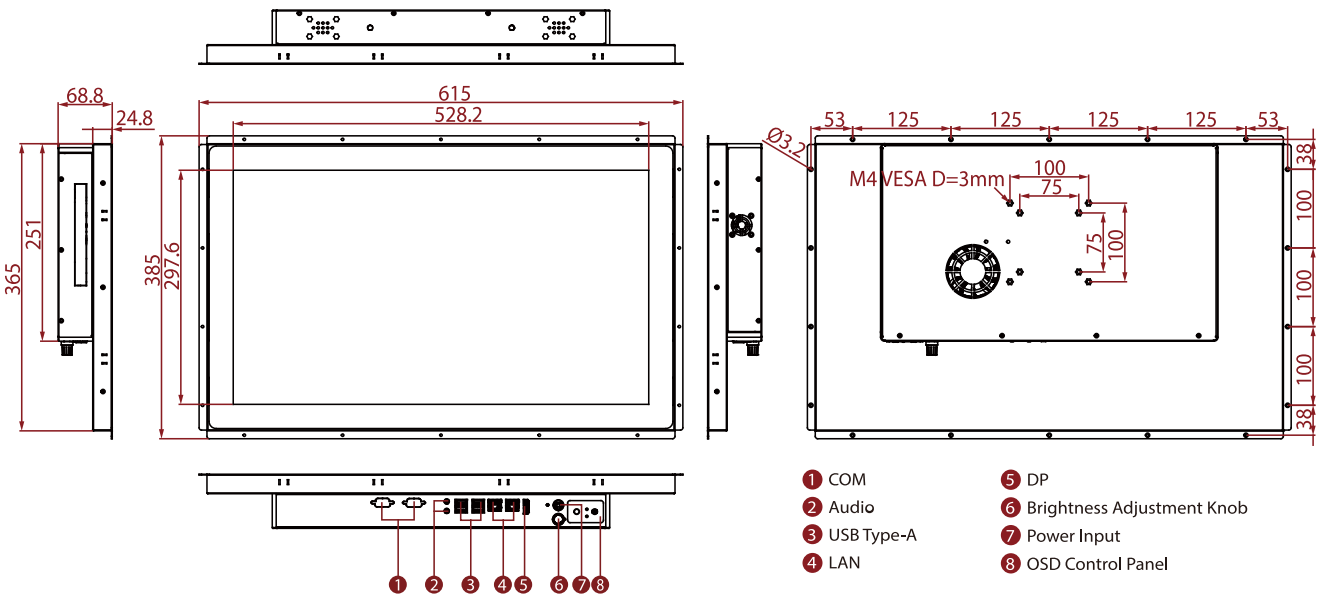
Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB3.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x DP1.2 1 x HDMI 1.4 (Optional)
Audio	1 x Mic in 1 x Line out 2 x Speaker	Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD) 1 x PCIe 16 (Optional)
LAN	2 x Giga LAN 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 Driver CD & Manual 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. 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.
3. All specifications are subject to change without prior notice.