W43IF7T-PCA3
43" Intel® Core™ i3/i5/i7(Coffee Lake Refresh) PCAP Chassis Panel PC

KEY FEATURES

- Intel® 9th Generation Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Various mounting solutions, Yoke mount and VESA mount
- Plenty of I/Os including USB 3.0, RS232 serial port and RJ45-10/100/1000 LAN ports

CE FC

SPECIFICATIONS

Display

Resolution	1920x1080	Size	43.0 inches
Contrast Ratio	3000:1	Panel Brightness	400 nits
View Angles	89,89,89,89	Type	Projected Capacitive Multi Touch Screen

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	1028.8 x 617 x 64.3 mm	Mounting	VESA Mount
Enclosure	Metal Housing	Cooling System	Fan design

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

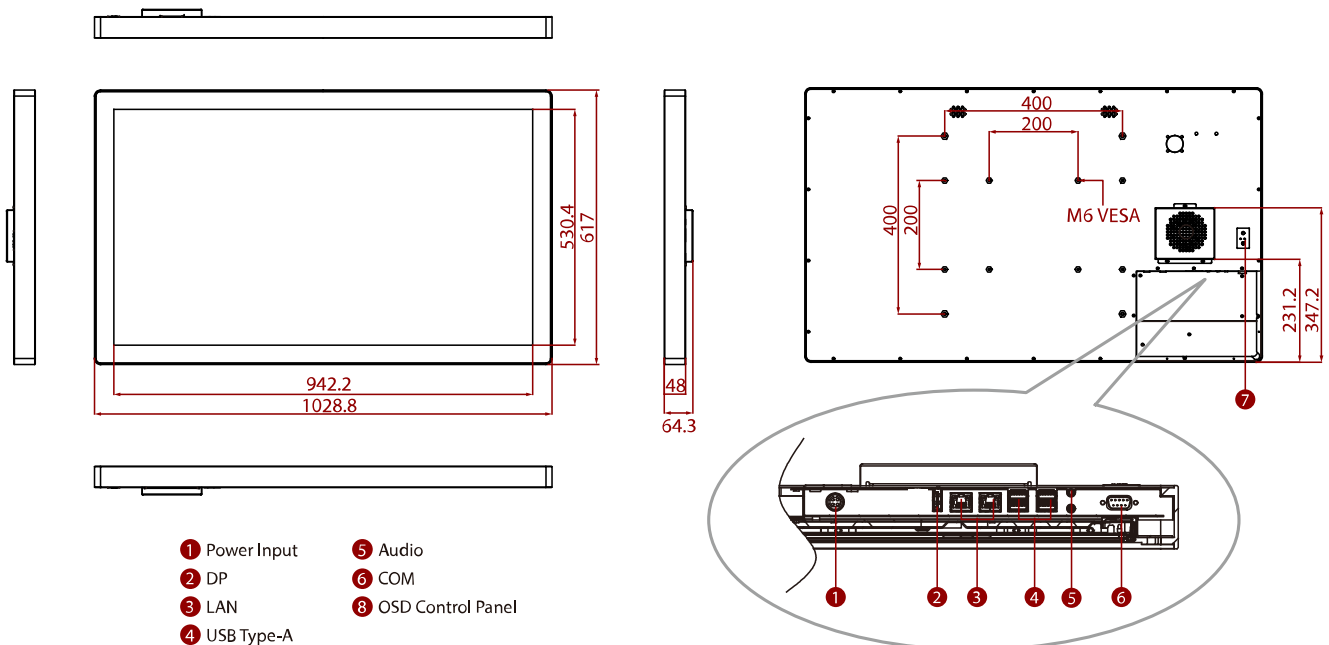| USB Port	4 x USB3.0 (Type-A)	Serial Port	1 x RS232/422/485 (Default RS232)
Video	1 x HDMI 1.4 1 x DP1.2 (Optional)	**Audio**	1 x Mic in 1 x Line out 2 x Speaker
Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD)	**LAN**	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage		

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		

DIMENSIONS UNIT:MM

1 Power Input **5** Audio
2 DP **6** COM
3 LAN **8** OSD Control Panel
4 USB Type-A

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.