

W24IF7T-POA2 24" Intel(R) Core(TM) i3/i5/i7 PO Series HMI Panel PC

Manufacturer part number: W24IF7T-POA2 | HMI (P-CAP Touch)



Explore Winmate W24IF7T-POA2, an HMI panel PC featuring Intel(R) Core(TM) i3/i5/i7, 24-inch display with 1920x1080 resolution, IP65 for machine control and factory...

Display	
Size	23.8 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1920x1080
Panel Brightness	250.0 nits
Contrast Ratio	3000:1
View Angles	89,89,89,89
Active Area	527.04x296.46 mm
System Specification	
Processor	Intel Core i7-9700TE 1.8GHz (up to 3.8GHz) (Default), Intel Core i5-9500TE 2.2GHz (up to 3.6GHz) (Optional), Intel Core i3-9100TE 2.2GHz (up to 3.2GHz) (Optional)
Chipset	Intel(R) B360(No vPRO) (Default), Intel(R) Q370(Support vPRO and NVMe) (Optional)
Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB (Default), 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 (Default), 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(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional), Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)
BT	Support (Optional)
Mechanical	
Dimension	615 x 385 x 68.8 mm
Weight	6.3 kg
Mounting	Open Frame, Panel Mount, VESA Mount
Enclosure	Metal Housing
Cooling System	Fanless design

Environment	
Operating Humidity	10% to 90% RH, Non-Condensing
Operating Temperature	0 deg C to 50 deg C
Storage Temperature	-10 deg C to 60 deg C
Certification	
Certification	CE, FCC
IO Ports	
USB Port	4 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x Giga LAN RJ45 Connector
Video	1 x DP1.2 (Default), 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
Indicator	1 x LED Indicator for power, 1 x LED Indicator for storage
Brightness Knob	1 x Brightness Adjustment Knob
Power Input	1 x 12V DC, Din4 pin connector
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