



W24IT7T-POA2 24" Intel(R) Core(TM) i5 (Tiger Lake) PO Series HMI Panel PC

Manufacturer part number: W24IT7T-POA2 | HMI (P-CAP Touch)



Explore Winmate W24IT7T-POA2, an HMI panel PC featuring Intel(R) Core(TM) i5, 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 i5-1135G7 2.4GHz (up to 4.2GHz)
Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB (Default), 8GB (Optional), 16GB (Optional), 32GB (Optional), 2 x SO-DIMM, DDR4 3200 MHz, 4GB (Optional), 8GB (Optional), 16GB (Optional), 32GB (Optional), 64GB (Optional)
Storage	1 x M.2 M-Key 2280 NVMe SSD 128GB (Default), 256GB (Optional), 512GB (Optional), 1TB (Optional), 2TB (Optional), 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)
WLAN	Support (Optional)
BT	Support (Optional)
Mechanical	
Dimension	615 x 385 x 69 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 Gen2x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	1 x Giga LAN RJ45 Connector, 1 x 2.5 Giga LAN RJ45 Connector
Video	1 x DP1.4 (Default), 1 x HDMI 2.0 (Optional)
Audio	Mic in, Line out
Expansion Port	1 x M.2 2280 M-Key Slot (for NVME SSD), 1 x M.2 2230 E-Key Slot (for Wi-Fi module), 1 x PCIe 4.0 (x16) slot (x4 signal)
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
Adapter	12V 120W