

W24IAD7T-PMA2 24" Intel(R) Core(TM) i9/i7/i5/i3 (Alder Lake S) Panel Mount Panel PC

Manufacturer part number: W24IAD7T-PMA2 | Industrial Panel PCs (Resistive Touch)



Explore Winmate W24IAD7T-PMA2, an industrial panel PC featuring Intel(R) Core(TM) i9/i7/i5/i3, 24-inch display with 1920x1080 resolution for machine control and...

Display	
Size	24.0 inches
Touch / Glass	Resistive Touch Screen (Optional), Protection Glass Without Touch Function (Optional)
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(R) Core(TM) i3-12100TE(up to 4.00GHz) (Default), Intel(R) Core(TM) i5-12500TE(up to 4.3GHz) (Optional), Intel(R) Core(TM) i7-12700TE(up to 4.6GHz) (Optional), Intel(R) Core(TM) i9-12900TE(up to 4.80GHz) (Optional), Intel(R) Core(TM) i3-14100T(up to 4.4GHz) (Optional), Intel(R) Core(TM) i5-14500T(up to 4.8GHz) (Optional), Intel(R) Core(TM) i7-14700T(up to 5.2GHz) (Optional), Intel(R) Core(TM) i9-14900T(up to 5.5GHz) (Optional)
Chipset	Intel(R) R680E
Memory	2 x non-ECC SO-DIMM RAM, up to 64GB (32GB per DIMM)
Storage	128GB SSD(Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional), 4TB, 2 x SATA III for 2.5" SSD/HDD up to 2TB(RAID Support) (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	606 x 376 x 85 mm
Cut out	560.5 x 327.5 mm
Weight	8.7 kg
Mounting	Panel mount (Default), VESA mount (Optional)
Enclosure	Metal Housing

Cooling System	Fan 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 USB 3.2 Gen2x1 (10Gbps, TypeA)
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x DP1.4a DP++ , Max resolution up to, 4096x2160@60Hz (Default), 1 x HDMI 2.0b , Max resolution up to, 4096x2160@60Hz (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)
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, Mounting clips
Power	
Power Rating	12V DC
Adapter	12V 220W