

W32IAD7T-PCA3 32" PCAP Chassis HMI with Intel(R) Core(TM) i3/i5/i7/i9

Manufacturer part number: W32IAD7T-PCA3 | Industrial Panel PCs (P-CAP Touch)



Explore Winmate W32IAD7T-PCA3, an HMI panel PC featuring Intel(R) Core(TM) i3/i5/i7/i9, 32-inch display, IP65 for machine control and factory automation.

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 (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional), Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 24.04(Do not support Wake on Touch) (Optional)
Display	
Size	32.0 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1920x1080
Panel Brightness	400.0 nits
Contrast Ratio	4000:1
View Angles	89,89,89,89
Active Area	698.4x392.85 mm
Mechanical	
Dimension	777.6 x 477.6 x 64.5 mm
Weight	20 kg
Mounting	VESA mount
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
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
USB Port	4 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)
LAN	2 x Giga LAN RJ45 Connector
Video	1 x HDMI 2.0b , Max resolution up to, 4096x2160@60Hz", 1 x DP1.4a DP++ , Max resolution up to, 4096x2160@60Hz (Optional)
Audio	1 x Mic in, 1 x Line out, 2 x Speaker
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)
Indicator	1 x LED Indicator for power, 1 x LED Indicator for storage
Power Input	1 x 24V 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	24V DC (Lockable Power Jack)
Adapter	24V 200W