



W07IAN3S-PPT1 7" Intel(R) Twin Lake N150 PP Series HMI Panel PC

Manufacturer part number: W07IAN3S-PPT1 | HMI (P-CAP Touch)



Explore Winmate W07IAN3S-PPT1, an HMI panel PC featuring 7-inch display, IP65 for machine control and factory automation.

Display	
Size	7.0 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1024x600
Panel Brightness	320.0 nits
Contrast Ratio	1000:1
View Angles	75,75,75,70
Active Area	153.6x90 mm
System Specification	
Processor	Intel(R) Processor N150 6M Cache, up to 3.60 GHz
Memory	8GB (Default), 16GB (Optional)
Storage	128GB SSD (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional), 1 x SATA III for 2.5" SSD/HDD up to 2TB(Only available when NVME SSD is not present) (Optional)
Ethernet controller	2 x Intel(R) 2.5 Gigabit Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 24.04(Do not support Wake on Touch) (Optional)
Mechanical	
Dimension	185 x 128 x 61 mm
Cut out	175 x 117 mm
Weight	1.5 kg
Mounting	Panel mount (Default), VESA mount (Optional)
Enclosure	Plastic Front Bezel with Metal Back Cover
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
IP rating	Front IP65

Certification	
Certification	CE, FCC
IO Ports	
USB Port	2 x USB3.2 Gen1x1 (Type-A), 1 x USB 3.2 Gen 2x1 Type C connector,support DP Alt. mode
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x HDMI 2.0b (Optional)
Audio	2 x Speaker
Expansion Port	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 12V DC, 2.5? DC jack
Accessory	
Accessory	100~240V AC to DC Adapter, Power Cord, VESA screws, Mounting clips
Power	
Power Rating	12V DC
Adapter	12V 50W