

R12IP7T-PPM2 12.1" Intel(R) Pentium(R) N4200 PP Series HMI Panel PC

Manufacturer part number: R12IP7T-PPM2 | HMI (P-CAP Touch)



Explore Winmate R12IP7T-PPM2, an HMI panel PC featuring Intel(R) Pentium(R) N4200, 12.1-inch display with 1024x768 resolution...

Display	
Size	12.1 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1024x768
Panel Brightness	500.0 nits
Contrast Ratio	1000:1
View Angles	89,89,89,89
Active Area	245.76x184.32 mm
System Specification	
Processor	Intel Pentium N4200 1.1GHz (up to 2.5GHz)
Memory	Dual-channel (non-ECC) SO-DIMM RAM.Up to 16GB
Storage	128GB SSD(Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB, 2 x SATA III for 2.5" SSD/HDD(Supprt RAIO) (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	322 x 256 x 79 mm
Cut out	302 x 237 mm
Weight	2.7 kg
Mounting	Panel mount (Default), VESA mount (Optional)
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

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), 1 x RS232
LAN	2 x Giga LAN RJ45 Connector
Video	1 x DP1.2 (Default), 1 x HDMI 1.4 (Optional), 1 x VGA (Optional)
Audio	1 x Mic in, 1 x Line out, 2 x Speaker
Expansion Port	1 x M.2 2242 B-key Slot (for SATA III SSD), 1 x M.2 2230 E-Key Slot (for Wi-Fi module), 1 x PCIe 2.0 (x1) 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, Mounting clips
Power	
Power Rating	12V DC
Adapter	12V 84W