

## W18IP7T-PMA2 18.5" Intel(R) Pentium(R) N4200 Panel Mount Panel PC

Manufacturer part number: W18IP7T-PMA2 | Industrial Panel PCs (Resistive Touch)



Explore Winmate W18IP7T-PMA2, an industrial panel PC featuring Intel(R) Pentium(R) N4200, 18.5-inch display with 4096x2160 resolution for machine control and...

| Display               |                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------|
| Size                  | 18.5 inches                                                                                                                |
| Touch / Glass         | Resistive Touch Screen (Optional), Protection Glass Without Touch Function (Optional)                                      |
| Resolution            | 1366x768                                                                                                                   |
| Panel Brightness      | 450.0 nits                                                                                                                 |
| Contrast Ratio        | 1000:1                                                                                                                     |
| View Angles           | 85,85,80,80                                                                                                                |
| Active Area           | 409.8X230.4 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             | 520 x 340 x 70 mm                                                                                                          |
| Cut out               | 462 x 285 mm                                                                                                               |
| Weight                | 5.3 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                                                                                                        |

|                            |                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Storage Temperature</b> | -10 deg C to 60 deg C                                                                                          |
| <b>Certification</b>       |                                                                                                                |
| <b>Certification</b>       | CE, FCC                                                                                                        |
| <b>IO Ports</b>            |                                                                                                                |
| <b>USB Port</b>            | 4 x USB3.2 Gen1x1 (Type-A)                                                                                     |
| <b>Serial Port</b>         | 1 x RS232/422/485 (Default RS232), 1 x RS232                                                                   |
| <b>LAN</b>                 | 2 x Giga LAN RJ45 Connector                                                                                    |
| <b>Video</b>               | 1 x DP1.2 (Default), 1 x HDMI 1.4 (Optional), 1 x VGA (Optional)                                               |
| <b>Audio</b>               | 1 x Mic in, 1 x Line out, 2 x Speaker                                                                          |
| <b>Expansion Port</b>      | 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 |
| <b>Indicator</b>           | 1 x LED Indicator for power, 1 x LED Indicator for storage                                                     |
| <b>Brightness Knob</b>     | 1 x Brightness Adjustment Knob                                                                                 |
| <b>Power Input</b>         | 1 x 12V DC, Din4 pin connector                                                                                 |
| <b>Control</b>             |                                                                                                                |
| <b>Button</b>              | 1 x Power Button, 1 x Reset Button                                                                             |
| <b>Accessory</b>           |                                                                                                                |
| <b>Accessory</b>           | 100~240V AC to DC Adapter, Power Cord, VESA screws, Mounting clips                                             |
| <b>Power</b>               |                                                                                                                |
| <b>Power Rating</b>        | 12V DC                                                                                                         |
| <b>Adapter</b>             | 12V 84W                                                                                                        |