

Model: PPC-3212T
12.1" Fanless Touch Panel PC - Intel Celeron J1900; 6 x COM; IP65 front protection



Application:

Factory Automation; Processor Automation; Power Generation; Marine / Offshore Industrial; Kiosk ...

Main Feature

- LED Panel - Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 12.1" XGA LED Panel support 1024 x 768 pixels
- Intel Celeron J1900 (2.0GHz, Quad Core)
- 6mm Aluminum Magnesium Alloy front bezel (with PET protection film) - light weight design
- NEMA4 / IP 65 compliant front panel, with Rugged construction design
- Aesthetic ultra-thin front bezel for minimize stain water & dust
- 6 x RS232 serial port
- (Optional - WIFI) MINI PCI-E WIFI Module with Antenna
- Panel (Flush) mounting with clip
- Meet standard VESA hole (100 x 100mm), support desk top stand / wall mount / swing arm mounting

| Specification | |
|---------------|--|
| Product Model | PPC-3212T |
| CPU | Intel Celeron J1900 (2.0GHz, Quad Core, 2MB Cache, up to 2.41 GHz w/ burst frequency enabled) |
| Chipset | Intel® SOC integrated |
| Memory | 1 x DDR3L SO-DIMM Socket up to 8GB |
| Storage | Space for 1x 2.5" HDD/SSD, support mSATA |
| Display | Display Type : 12.1" XGA <u>LED Panel</u> LCD Resolution : 1024 × 768 |

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|-------------------------|---|
| | Luminance : 450 cd/m2 View Angel : 130° (H), 120° (V) |
| LAN | 2 x Realtek ® RL8111E (Gigabit) 10/100/1000Ethernet |
| USB port | 1 x USB 3.0 and 3 x USB 2.0 |
| Display output | 1 x VGA and 1 x HDMI |
| Expansive interface | 1 x Mini PCI-E (support WIFI & 3G card) |
| Back panel I/O port | 2 x RJ45; 1 x USB 3.0; 3 x USB 2.0; 1 x VGA ; 1 x HDMI; 6 x COM; 1 x Power / Reset Switch; 1 x 12VDC input terminal |
| Supporting OS | DOS; Windows 7/8.1/10; Linux |
| Touch Screen | Internal USB or RS-232 <u>industrial grade 5 wire Resistive Touch controller</u> Resolution: 4096 x 4096 Light transmission: 80% or more Surface hardness : 3H Operating force : ≤100g Life expectancy : 35 Million Operation system : Window 2000 / XP / Vista / 7 / CE, DOS , Linux |
| Wireless LAN (optional) | MINI PCI-E WIFI Module with Antenna |
| Power Supply | 12VDC input terminal |
| Construction | Heavy duty steel and aluminum front panel |
| Environment | Operating temperature: -15°C to 60°C Relative humidity: 10% to 90%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak(11m sec) |
| Compliance | CE; FCC; ROHS |
| Dimension W x H x D | 321 x 243 x 78 mm |

Ordering Information

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|----------------------|--|
| PPC-3212T | 12.1" Fanless Touch Panel PC - Intel Celeron J1900, with Touch Screen, with 100-240VAC to DC 12V 60W adapter |
| Optional - RAM | 4 to 8GB DDR3L SO-DIMM RAM |
| Optional - SSD / HDD | 32 GB to 1TB SSD / 500GB to 2TB 2.5" SATA HDD |
| Optional - WIFI | MINI PCI-E WIFI Module with Antenna |
| Optional - OS | Windows 7/8.1/10 Professional |

Structure Diagram (Panel cut-off dimension: 305 x 231mm) Unit: mm

