



12.1" HD Industrial Fanless Panel PC with Intel® Celeron® J1900 Quad Core 2GHz (Model: IPCW1210PC)

- 12.1-inch HD 1024x768 (4:3)
- Flat screen with 6H projected capacitive touch supports multi-touch function
- 9V-30V wide range DC power input
- Fanless cooling system with Intel® Celeron® J1900 quad core 2 GHz
- SDRAM DIMM pre-installed with 2GB DDR3L RAM (max capacity 8G)
- Built-in 802.11b/g/n wireless LAN
- Landscape and portrait screen modes support different applications
- Front panel is compliant with IP 65 protection standard
- iTechLCD One Key Recovery solution allows you to create rapid OS backup and recovery (suggested with over 4 GB storage capacity)



HD High Performance Interactive System

The IPCW1210PC has a 12.1-inch display with HD 1024 x 768 pixels and is pre-installed with a high-performance Celeron® J1900 CPU, which is a quad-core processor that comes with 2 GHz base clock. The SoC has 2.17 GHz maximum burst frequency, which pumps up its frequency to complete tasks faster suitable for industrial computing.

Specifications

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|---------------------------------|---|
| Size | 12.1" |
| Resolution | 1024x768 (4:3) |
| Brightness (cd/m ²) | 500 |
| Contrast Ratio | 700:1 |
| LCD Color | 262k |
| Pixel Pitch (mm) | 0.240 (H) x 0.240 (V) |
| Viewing Angle (V/H) | 160°/160° |
| Backlight MTBF (hrs) | 50000 hrs (LED backlight) |
| Touch Screen | 5-wire resistive type with RS-232 interface/ projected capacitive type with USB interface |
| Touch Controller | PenMount DMC9000/ EETI EXC7200 |
| CPU | Intel® Celeron® J1900 quad core 2 GHz |
| RAM | One 204-pin 1333MHz single-channel DDR3L SDRAM DIMM pre-installed with 2GB (max capacity 8G) |
| Ethernet | 2 x PCIe GbE by RTL8111E controller |
| Audio Codec | ALC892 |
| Storage | mSATA 2.5" SATA 3Gb/s HDD bay |
| Input/Output | 1 x RS-232 COM Port 1 x RS-232/422/485 COM Port (DB9 connector) (R1/5V/12V) 2 x USB 2.0 2 x USB 3.0 2 x GbE LAN 1 x Power Switch 1 x Reset Button 1 x AT/ATX switch 1 x Audio Port (line-out) 1 x 9-30V Lockable Power Jack |
| Audio | AMP 3W + 3W (internal speaker) |
| Camera | 2M pixels with low light function |



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| RFID Reader | Mifare 13.56 MHz card reader (optional) |
| Card Reader | Magnetic Stripe Card Reader (optional) |
| OSD Function | Software OSD |
| Thermal Solution | Fanless |
| Wireless | IEEE 802.11b/g/n 2T2R module (WIFI-RT5392-SB-R10) |
| Construction Front Panel | PC + ABS Plastic |
| Mounting | Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm / 100mm x 100mm |
| Color | Black C |
| Dimensions (WxHxD) (mm) | 308 x 248 x 44.5 |
| Cut out (WxH) (mm) | 243 x 204 |
| Operating Temperature (°C) (Ambient with air flow) | minus 20°C~50°C |
| Storage Temperature (°C) | minus 20°C~60°C |
| Humidity | 10% to 95% (non-condensing) |
| IP Level | IP 65 compliant front panel |
| Safety&EMC | CE / FCC |
| Power Requirement | 9 ~ 30 VDC |

