



Intel Celeron J1900 Fanless Embedded PC with 4 LAN supporting PoE function

Features:

- Onboard Celeron J1900 2.0GHz CPU with low power consumption
- 4 LAN supporting PoE function
- Onboard 4G DDR3 RAM, 1x mSATA, 1x SATA 2.0
- 8x GPIO, 6x COM(4x RS232, 2RS232/422/485)
- Rich I/O: 1x USB3.0, 3x USB2.0, 1x Audio, 1x Mic in, 2x COM, 1x DC jack
- Aluminum chassis with ultra mini size 215 *215*65mm



Introduction:

BPC-IJ1900-4PS is a small form factor PC on board with Celeron J1900 2.0GHz 4 Core CPU and 4G DDR3 RAM. It has 4 LAN ports supporting PoE function, allowing a wide usage in network security and other industrial automation applications. It also has rich I/O ports including 8GPIO, 6 COM, 1 USB 3.0 AND 5USB 2.0.

The full aluminum design also provide a very good heat dissipation performance.

Specification :

| | |
|-----------------------|--|
| CPU | Onboard Celeron J1900 Quad Core 2.0Ghz CPU |
| Chipset | Bay Trail |
| System Memory | Onboard 4GB DDR3 1066/1333MHz RAM |
| Network | 4 RJ45 10/100/1000 Mb/s Ethernet with PoE function |
| Storage | 1x mSATA + 1x SATA 2.0 |
| GPIO | 8x GPIO |
| Power Supply D | +9V~+24V DC, Recommend +12V DC |
| Display | 1x VGA up to 2560x1600 |
| COM | 4x RS232 (3 wire) and 2x RS232/422/485 |
| USB | 5x USB2.0, 1x USB3.0 |
| Audio | ALC662 HD Audio (Line-out, Mic-in) |
| Expansion | 1x mPCIe, 1x SIM |
| Enclosure Material | 100% Aluminum |
| Cooling system | Fanless cooling design |
| Mounting Option | VESA mount |
| Color | Black/light Gray optional |
| Operating Temperature | -20°C to +75°C , -40°C to +85°C (wider range optional) |
| Dimension | 215mm x 215mm x 65mm |
| Weight | 0.96kg |
| Package weight | 2.16kg |
| Mounting Option | VESA mount |
| Color | Black/light Gray optional |
| Operating Temperature | -20°C to +75°C , -40°C to +85°C (wider range optional) |

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9 years' experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinners and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

