POLYHEX

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)

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Beyond the Embedded Deployment