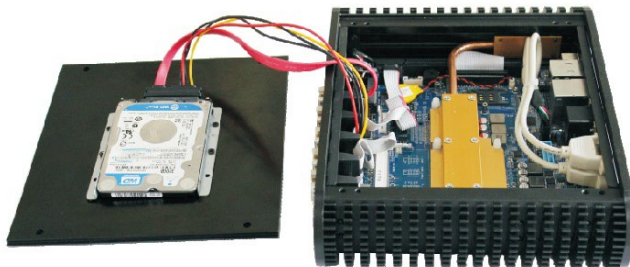




## Celeron Quad Core J1900 Based Fanless Embedded Computer with 6 LAN Ports

### Features:

- Built with Celeron quad core J1900
- 1\*SO-DIMM DDR3L MHz up to 8GB
- Display ports: 1\*VGA
- 6 \* LAN ports, and 2 sets with bypass function
- 3\*USB2.0, 1\*RJ45 console, 1\*DC jack, 1\*CF, 1\*PClex8
- Compact fanless aluminum enclosure



## Introduction:

The BP-ME06 is a small form factor embedded computer. Built with Intel Celeron quad core J1900 (2.00GHz, turbo frequency to 2.42GHz, 10W) which offers low power and long cycle life, it is designed to be fanless. This computer supports full HD 1080p playback via VGA interface, and it carries one DDR3L slot with a total maximum capacity of 8GB to add higher bandwidth and lower latencies for processing. It also features 6 Intel® i211-AT or i210-AT controllers for 6 Rj45 LAN ports, with 2 sets with Bypass function, which makes this embedded system an ideal for applications like network security, firewall. This compact fanless aluminum enclosure also has rich I/O interfaces as 3 USB2.0, 1 Rj45 console, 1 VGA, 1 DC jack and storage interfaces as 1 SATA, 1 mSATA (optional), 1 mini-PCIe (optional) and 1 PCIE\*8, catering to most requirements in the market. This Celeron J1900 based fanless computer is designed to be high quality, reliable and secure.

## Specification :

CPU	Intel® Celeron Processor J1900 (2M Cache, up to 2.42 GHz), Baytrail
System Memory	1*SO-DIMM DDR3L up to 8GB
Ethernet	6 x GbE LAN
Storage	1 x SATA, 1 x mSATA (optional)
Expansion	1 x Mini PCIe( optional), 1 x PCIe8, 1 x CF
Power Supply	1x DC_IN 12V
Display Interface	1 x VGA
Serial Port	1 x Rj45 console
USB	3 x USB2.0
Enclosure Material	100% Aluminum
GPIO	4 x Input, 4 x Output (10Pin Header)
Color	Black
Operating Temperature	-20°C~65°C
Cooling System	Fanless
Dimension	250mm x195mm x 55mm
Weight	2.2kg

### 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.

