POLYHEX

Fanless Network Security Box PC based on Intel SOC Bay Trail CPU

Description:

BPC-IJ1900J-4N2BB is a fanless network security main frame for desktops, which uses Intel SOC Bay Trail CPU and supports 1 x 204-pin DDR3L SO-DIMM. Its memory capacity is up to 4GB, and its motherboard comes with 4 x onboard Gigabit Ethernet ports, supporting Mini PCI-e or mSATA interface for wireless expansion or storage.

Specification:

Microprocessor	Intel Bay Trail J1900
Chipset	N/A
Memory	1 x 204 Pin DDR3L SO-DIMM Slot, supports 1066/1333MHz Un-buffered Non-ECC memory up to 4GB
Display	VGA DB15, 2560x1600@60Hz
Network	4 x Intel I211-AT 10/100/1000Mbps network interfaces, LAN1 supports S5 Wake on LAN; Support PXE startup(default: Disabled)
Storage	1 x SATA II, 1 x Type II CF slot, 1 x mSATA(optional)
Expansion Bus	1 x Mini-PCIE slot(mSATA optional)
Indicator Lights	1 x system status light, red color
	1 x power light, green color
Digital I/O	8 x digital I/O (4 x input, 4 x output)
I/O Interfaces	1. 2 x RS232 serial ports (1 x RJ45 Console interface, 1 x built-in header)
	2. 4 x USB2.0 (2 x front USB2.0, 2 x built-in header)
Dimension	190 mm(D)× 190 mm(W)× 65 mm(H)
Temperature	1. Operating temperature: 0℃~60℃
	2. Storage temperature: -10℃～70℃
Humidity	10%～95%(non condensing)
Reliability	1. MTBF≥50000h
	2. MTTR≤0.5h
Security	1. Meet the basic needs of GB4943-2001, grounding resistance ≦0.1Ω
	2. Insulation resistance ≥100MΩ
	3. Leakage current to ground≤3.5mA
Power Supply	Voltage Input: DC 12V
	Standard Power: 60W

Side View:

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Beyond the Embedded Deployment