PB2200

Fanless Box PC based on Intel® Bay Trail platform



The fanless PB2200 Box PC offers an excellent price/performance ratio and is based on the Intel® Bay Trail SoC Celeron J1900 quad core high performance processor.

The all-in-one motherboard features one USB 3.0 port, two USB 2.0 ports, two 10/100/1000 Mbps Ethernet ports, one serial RS232 interface, one external access

CFast SATA II slot, one DVI-I (DVI-D + VGA) video output and RAM configuration up to 8 GB DDR3 SODIMM.

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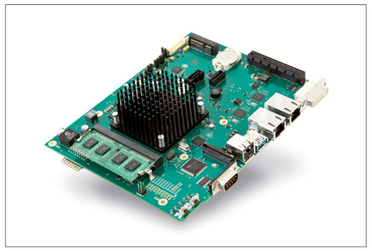
ASEM STANDARDS

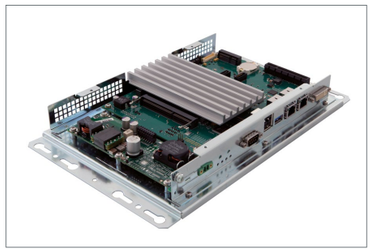
Highlights

- → Fanless Box PC with 0-50 °C operating temperature
- → High performance Intel® Bay Trail SoC Celeron J1900 quad core processor
- → SL version with reduced depth (max 35 mm)
- → Built-in UPS with external battery pack (optional)
- → 1 PCI or 1 PCIe x1 expansion slot (S1 version)
- → Wall or DIN rail installation
- → Optional kit for ATX mode push button
- → CE, cULus LISTED (508) certifications

Gallery







Technical data

	PB2200
PROCESSOR	Intel® Celeron J1900 2.0Ghz, 4 cores / 4 threads, 2MB L2 cache, soldered
VIDEO CONTROLLER	Intel® HD Graphics integrated in microprocessor, 688MHz Clock 854MHz Turbo, LVDS 8bit/color digital interface
SYSTEM MEMORY - RAM	1GB or 2GB or 4GB or 8GB (1 x SODIMM DDR3 module)
MASS STORAGE SL	1 bootable CFast on board with external access
	1 x SSD mSATA SATA II
S0/S1	1 bootable CFast embedded on board with external access
	1 x SSD 2,5" mSATA SATA II or 1 x SSD 2,5" or HDD 2,5" SATA II
LAN	2 x LAN 10/100/1000Mbps (2 x Intel® I210)
USB	1 x USB 3.0 (Type-A, rear)
	2 x USB 2.0 (Type-A, rear)
SERIAL	1 x RS232 (DB9M)
VIDEO OUTPUT	1 x DVI-I (DVI-D + VGA with adapter)
ADD-ON INTERFACES (optional for S0/S1, max 1)	1 x RS232/422/485 (DB15M)+ 1 x USB 2.0 (Type-A)
	1 x RS232/422/485 (DB15M) isolated + 1 x USB 2.0 (Type-A)
	2 x RS232 (DB9M)
	2 x USB 2.0 (Type-A)
EXPANSION SLOTS S1	1 x PCI or PCIe x1 (2.5 Gb/s)
POWER SUPPLY UNIT	24VDC isolated with or without UPS (optional) with external battery pack
O.S. CERTIFIED	Microsoft Windows 7 Pro/Ultimate 32/64bit, Microsoft Windows Embedded Standard 7E/7P 32/64 bit, Microsoft Windows Embedded Compact 7 Pro, Microsoft Windows 8.1 Industry Pro
OPERATING TEMPERATURE	0°- 50°C
	0°- 45°C with HDD 24x7
	5°- 45°C with standard HDD
APPROVALS	CE, cULus LISTED (508)