

XEB-824

Intel® Celeron® Processor J1900 (up to 2.42 GHz)
SoC Mini ITX, VGA/HDMI/LVDS, USB 3.0, PCIe Express
Mini Card, PCIe x1, and HD Audio



Features

- Intel® Bay Trail-D 2.0GHz quad core SoC
- 1 DDR3L-1333 MHz max up to 8 GB
- PCIe x1 supported
- 1 USB 3.0 and 5 USB 2.0 ports
- 2 SATA-300 interface
- mSATA supported
- 6 COM ports
- 12V DC Jack
- Dual view display

Specification

System

CPU	Intel® Celeron® processor J1900 (up to 2.42 GHz) quad core SoC (Bay Trail)
System Memory	1 x 204-pin SO-DIMM dual channel DDR3L-1333, max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
SSD	N/A
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x PCIe x1 1 x PCI Express mini card 1 x mSATA
Power Requirements	12VDC or STD ATX
Battery	Lithium 3 V/ 220 mAh
Size	170 x 170 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x PS/2 KB & MS 2 x RS-232/422/485 (Rear I/O) 4 x RS-232
SATA	1 x SATA-300 1 x mSATA
Ethernet	2 x Realtek RTL8111E for Gigabit LAN support WoL & PXE
Audio	HD Audio as Mic-in/Line-out with Realtek ALC662
USB	5 x USB 2.0 1 x USB 3.0; (Rear I/O: 1 x USB 3.0+3 x USB 2.0)
TPM	N/A
SMBus	N/A
Digital I/O	8 Channels programmable

Display

Chipset	Intel® HD graphics
Memory Size	Shared Memory
Display Interface	1 x VGA 1 x HDMI 1 x LVDS; 18/24-bit single channel

Packing List

Standard	
I/O Bracket , driver CD	

Ordering Information

XEB-824-MF2.0DC-2G	Intel® Bay Trail-D Celeron® J1900 mini ITX, SBC/VGA/HDMI/LVDS, Dual GbE LAN, USB 3.0, PCIe x1, PCI express mini card and HD Audio
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