

QBOX-2072

Fanless BOX PC with Intel® BayTrail-D SoC Processor,
Celeron J1900



- Intel® BayTrail-D SoC Processor, Celeron J1900
- Intel® HD Graphics
- 1x DDR3L SODIMM up to 8GB
- 1x VGA, 1x HDMI, 2x GbE, 4x COM
- 1x DIO, 4x USB 2.0, 1x USB 3.0 and Audio
- 2x Mini-PCIe sockets, 1x Option mSATA slot supported
- 1x 2.5" SATA HDD or SSD
- Fanless design

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Product Overview

The QBOX-2072 is a fanless BOX PC is ideal for space critical applications. This embedded hardware platform is designed with Intel® BayTrail-D SoC Processor, Celeron J1900 which provides with excellent performance. The system is supported with DDR3L SO-DIMM up to 8GB. Featured are 1x 2.5" SATA HDD / SSD, 2x mini-PCIe slots, 2x GbE, 4x USB 2.0, 1x USB3.0, 1x HDMI, 4xCOM, 1x VGA, and 1x DIO.

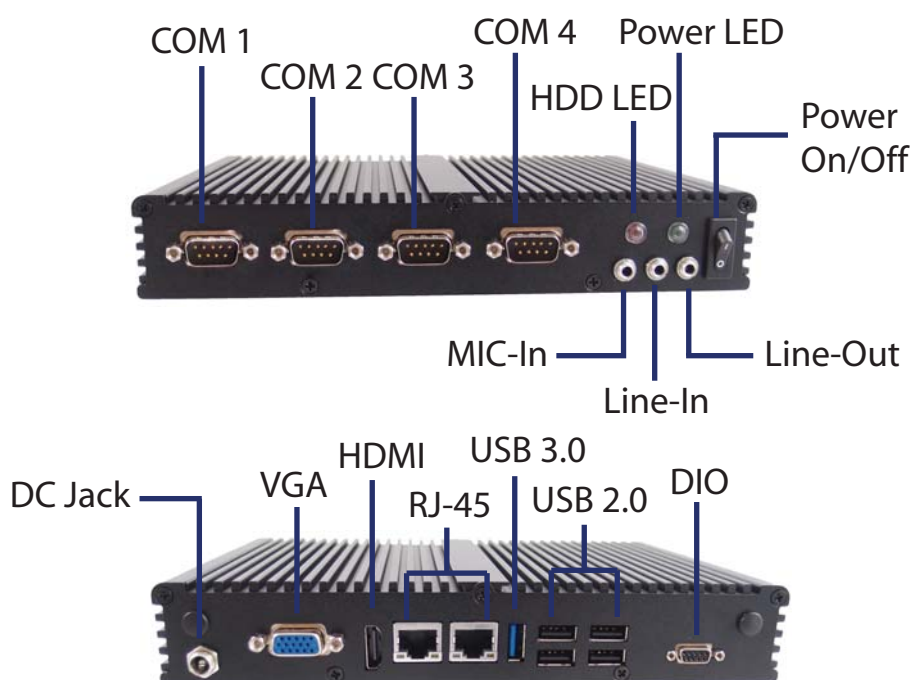
The QBOX-2072 provides high reliability rugged case not only for great protection from EMI, cold and heat, but also integrated with passive cooling design for quiet fanless operation such as Transportation, Surveillance and Automation.

Technical Information

CPU Support	Intel® BayTrail-D SoC Processor, Celeron J1900
Memory	1x DDR3L 1333 MT/S SO-DIMM up to 8 GB
BIOS	AMI uEFI BIOS 1x 64Mb SPI flash ROM
Graphic	Intel® HD Graphics
I/O	Front I/Os 1x Power Button 1x HDD LED 1x Power LED 4x COM (COM 1~2 support RS-232/422/485, COM3~4 support RS-232) 3x Audio Jacks for Line-out/Line-In / Mic-In Rear I/Os 1x VGA 1x HDMI 2x RJ-45 Ports (GbE) 1x USB 3.0 4x USB 2.0 1x DC Jack 1x DIO
Storage	1x Option mSATA Socket 1x 2.5" SATA HDD / SSD

DIO	1x 8-bits programmable DIO (4-In, 4-Out)
Expansion Slot	2x mPCIe Sockets
Hardware Monitor	Voltages monitoring Temperature monitoring
Watchdog Timer	Programmable WDT to generate System reset event
Power	DC 12V
TPM	Option Intersil SLB9635 for TPM support
OS Support	Windows 7, Windows 8, Linux
Dimensions	210 x 35 x 135mm (WxHxD)
Environment	Operating Temp: 0°C - 50°C Storage Temp: -20°C - 80°C Humidity: 0% - 95%
Certifications	CE, FCC Class A

QBOX-2072 I/Os




 **Ordering Information**

Article	Part No.	Description
QBOX-2072	SQBX207200010T00	Intel® Celeron® BayTrail Quad Core J1900 Processor, 1x DDR3L SODIMM up to 8GB, 2x GbE LAN, 2x mini-PCIe slots, 2x GbE, 4x USB 2.0, 1x USB3.0, 1x HDMI, 4xCOM, 1x VGA, and 1x DIO.