

QBOX-200H

Fanless Box PC with
Intel® Bay Trail SoC Processor, Atom™ E3805



- Intel® Bay Trail SoC Processor, Atom™ E3805
- 1x DDR3L SO-DIMM up to 4GB
- 2x USB2.0, 1x USB3.0, 1x GbE LAN, 1x COM, 1x Micro USB2.0
- 1x mSATA, 1x Micro SD Card Cage, 1x mini PCIe
- Fanless design



Product Overview

QBOX-200H is a fanless box PC ideal for space critical applications. This embedded hardware platform features Intel® Bay Trail SoC Processor, Atom™ E3805, and 1x DDR3L SO-DIMM. It comes with 2x USB2.0, 1x USB3.0, 1x GbE LAN, 1x mSATA, 1x Micro SD card cage, 1x Micro USB.

QBOX-200H 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® Atom™ E3805 (Dual Core, 1M Cache, 1.33 GHz, FCBGA1170, 3W TDP)
Memory	1x DDR3L 1067 SO-DIMM up to 4GB
Audio Chipset	Realtek ALC662
Audio Interfaces	1x Line-out / Mic-in (on front)
Ethernet	1x LAN (RJ-45 on rear, Realtek RTL8111G)
USB	1x USB3.0 (Type A on front) 3x USB2.0 (2x Type A on rear, 1x Type Micro-B on rear)
Serial Ports	1x RS-232/422/485 (DB9 on rear)
Storage & Expansion	1x mSATA (full size) 1x Micro SD Cage (on front) 1x mPCIe (full size) 1x SIM Card Cage
Power Supply	Connector: Lockable DC Jack (on rear) Input Voltage: DC 12V ~ 19V Power Adapter: AC to DC, 100V ~ 240V

Firmware	BIOS: AMI uEFI BIOS w/ 64Mb SPI Flash Watchdog: Programmable WDT to generate System reset event H/W Monitor: Voltages, Temperatures Real Time Clock: SoC integrated RTC
System Control & Monitoring	1x Power Button w/ LED (on front) 1x Reset Button (on front) 1x Storage LED (on front) 1x Wireless LED (on front)
Cooling	Fanless
OS Support	Windows 7, Windows 8, Linux
Construction	Aluminum Chassis
Dimensions (W x D x H)	150.6 x 80.8 x 33 mm / 5.93" x 3.18" x 1.30"
Weight	450 g / 0.99 lb
Environmental Characteristics	Operation Temp.: 0°C ~ 50°C / 32°F ~ 122°F Storage Temp.: -20°C ~ 80°C / -4°F ~ 176°F Humidity: 0% ~ 90%
Mounting	VESA Mount
Certification	CE, FCC Class A

QBOX-200H I/Os

