

# QBOX-200S/200T

Standard / Extended Temperature Fanless Mini Box PC  
with Intel® Bay Trail SoC Processor, Atom™ E3825



- Intel® Bay Trail SoC Processor, Atom™ E3825
- DDR3L SO-DIMM Socket
- 1x HDMI, 1x VGA, 2x USB2.0, 1x USB 3.0, 1x GbE LAN, 1x COM
- 1x mSATA, 1x Micro SD Card Cage, 1x mini PCIe
- Fanless design
- Extended temperature model available



## Product Overview

QBOX-200S/200T is a fanless digital signage player ideal for space critical applications. This embedded hardware platform features Intel® BayTrail SoC Processor, Atom™ E3825, and DDR3L SO-DIMM. It comes with 1x HDMI, 1x VGA, 2x USB2.0, 1x USB 3.0, 1x GbE LAN, 1x mSATA, 1x Micro SD card cage, 1x COM.

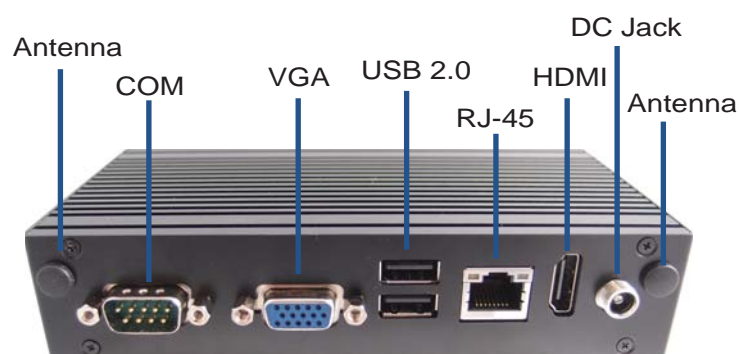
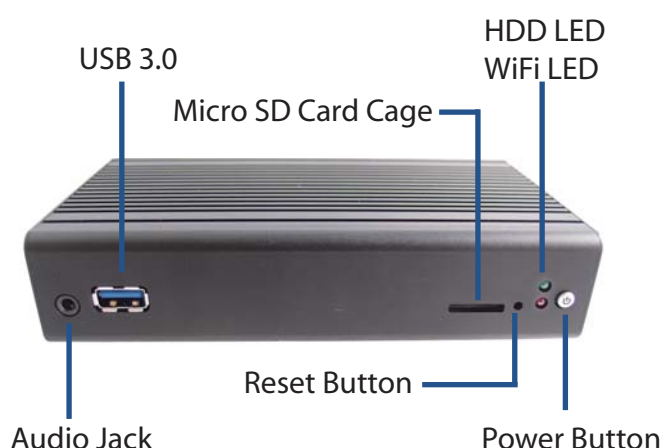
QBOX-200S/200T provides high reliability rugged case not only for great protection from EMI, cold and heat, but also integrated with passive cooling design for quiet fanless operation such as Transportation, Surveillance and Automation. Finally, QBOX-200T supports extended operating temperatures and can be used under extreme temperatures.

## Technical Information

CPU Support	
Intel® Atom™ E3825 (Dual Core, 1M Cache, 1.33 GHz, FCBGA1170 socket, 6W TDP)	
Memory	
1x DDR3L 1067 SO-DIMM up to 4GB	
Graphic Controller	
Intel® HD Graphics	
Display Interfaces	
1x HDMI (on rear, 1920 x 1080 @ 60Hz)	
1x VGA (on rear, 2560 x 1600 @ 60Hz)	
Multiple Display	
Dual	
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)	
2x USB2.0 (Type A on rear)	
Serial Ports	
1x RS-232/422/485 (DB9 on rear)	
Storage & Expansion	
1x mSATA	
1x Micro SD Cage (on front)	
1x mPCIe	
1x SIM Card Cage	
Power Supply	
Connector: Lockable DC Jack (on rear)	
Input Voltage: DC 12V	
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	
TPM: optional (Infineon SLB 9635 TPM 1.2)	
System Control & Monitoring	
1x Power Button w/ LED (on front)	
1x Reset Button (on front)	
1x Wireless LED (on front)	
1x Storage LED (on front)	
Cooling	
Fanless	
OS Support	
Windows 7, Windows 8, Linux	
Construction	
Aluminium Chassis	
Dimensions (W x D x H)	
151 x 81 x 33 mm / 5.94" x 3.19" x 1.30"	
Weight	
500 g / 1.10 lb	
Environmental Characteristics	
Operation Temp.: 0°C ~ 50°C / 32°F ~ 122°F (Standard)	
-20°C ~ 70°C / -4°F ~ 158°F (Extended)	
Storage Temp.: -20°C ~ 80°C / -4°F ~ 176°F	
Humidity: 0% ~ 90%	
Mounting	
VESA Mount	
Certification	
CE, FCC Class A	

## QBOX-200S/200T I/Os



## Ordering Information



Article	Part No.	Description
QBOX-200S	SQBX200S00010T00	Intel® Atom™ E3825, 1x HDMI, 1x VGA, 1x LAN, 1x USB3.0, 2x USB2.0, 1x COM, 1x mSATA, 1x Micro SD Cage, 1x mPCIe, 1x SIM Cage, <b>Op. Temp.: 0°C ~ 50°C</b>
QBOX-200T	SQBX200T00010T00	Intel® Atom™ E3825, 1x HDMI, 1x VGA, 1x LAN, 1x USB3.0, 2x USB2.0, 1x COM, 1x mSATA, 1x Micro SD Cage, 1x mPCIe, 1x SIM Cage, <b>Op. Temp.: -20°C ~ 70°C</b>