

QBOX-2600

Fanless Box PC with
Intel® Atom™ Processor D2550 (1M Cache, 1.86GHz)



- Fan-less Design and Compact Sized
- Intel® Atom™ Processor D2550 (1M Cache, 1.86GHz)
- Intel® NM10 Express Chipset
- Support DDR3 800/1066 MHz SODIMM up to 4GB
- Support 1xVGA, 1xHDMI, 1xDP, 1xGbE, 1xeSATA, 4xUSB and Audio
- Support 2x COMs and Digital I/Os (optional)
- Support 1x 2.5" SATA HDD

Product Overview

The QBOX-2600 is a fan-less Box PC is ideal for space critical applications. This embedded hardware platform is designed with Intel® Atom™ Processor D2550 which provides with excellent performance. The system is supported with Intel® NM10 Express chipset, and DDR3 SO-DIMM up to 4GB. Featured are an eSATA, 1x 2.5" SATA HDD, 1x mini-PCIe slot, GbE, USB 2.0, VGA, HDMI, DP, 2x

COMs and Digital I/Os.

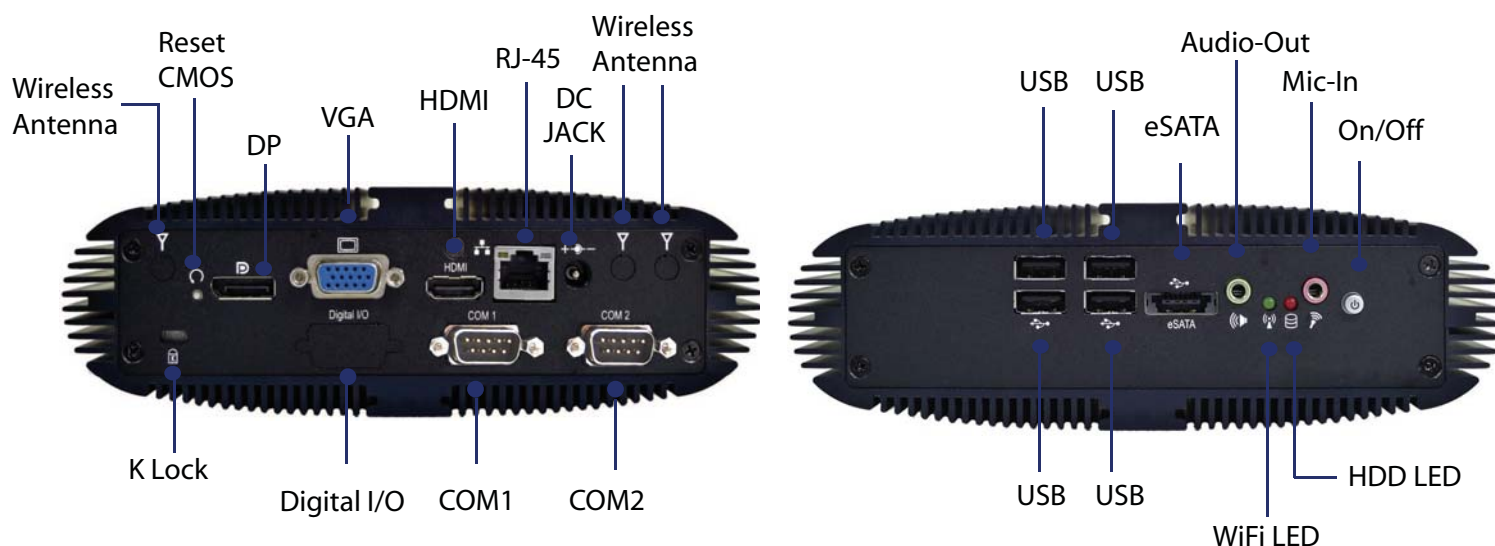
The QBOX-2600 provides high reliability rugged case not only for great protection from EMI, cold and heat, but also integrated with passive cooling design for quiet fan-less operation such as Transportation, Surveillance and Automation.

Technical Information

Construction
Aluminum extrusion
System Board
Intel® Atom™ Processor D2550 (1M Cache, 1.86GHz) Intel® NM10 Express Chipset
Memory
DDR3 800/1066 SO-DIMM up to 4 GB
I/O Panel
Front I/O panel 1x Push button (w/LED) for power on/off 1x Phone Jack for Line-Out 1x Phone Jack for MIC-In 1x WiFi LED (Green) 1x HDD LED (Red) 4x USB2.0 1x eSATA/USB Combo connector
Rear I/O panel 1x DC JACK for power input 1x RJ-45, GbE port 1x DP 1x DB-15 VGA 1x HDMI 2x DB-9 (RS-232/422/485) 1x Digital I/O (optional) 1x Reset CMOS

Storage
1x 2.5" SATA HDD
Expansion
1x Mini PCI Express slot (for optional WiFi or 3G module) 1x SIM card slot (Optional for 3G)
Power Supply
Input: 100-240 VAC, 50-60 Hz Output: 40W, +19VDC / 2.1A output
Cooling
Fanless
Temperature / Humidity
Operating Temperature: With Industrial SSD: -10 ~ 60° C (Ambient with air flow) With 2.5" HDD: 0 ~ 40° C (Ambient with air flow) Storage Temperature: -20°C to 80°C, 0%-90%, non-condensing
OS Support
Windows 7
Dimensions
184 x 56 x 110 mm (WxHxD)
Weight
1600 g
Mounting
Desktop, VESA mount, Din Rail mount
Certifications
CE, FCC Class A

QBOX-2600 I/Os



Ordering Information

Article	Part No.	Description
QBOX-2600	SQBX260000010T00	Fanless Box PC with Intel® Atom™ D2550, Intel® NM10 Express chipset, GbE, HDMI, VGA, DP, SATA, MiniPCIe, USB 2.0, COM