

QBOX-1000

0.6-Liter Fanless Box PC with Intel® Atom Processor N270



- Fan-less Design and 0.6-Liter Compact Sized
- Intel® Atom Processor N270
- Intel® 945GSE + ICH7-M
- Support DDR2 533 SODIMM up to 2GB
- Support 1x DVI-I, 1x GbE, 1x 2.5" SATA HDD, 1x eSATA, 4x USB and Audio
- Optional CompactFlash Socket and Wireless Ethernet

Product Overview

The QBOX-1000 is a fan-less Box PC with a volume of just 0.6-liter that is ideal for space critical applications. This embedded hardware platform is designed with Intel® Atom N270 Processor which provides with excellent performance enabled by next-generation 45nm Process Technology. The system is supported with Intel® 945GSE / ICH7-M chipset, and DDR2 SO-DIMM up to 2GB. Featured are a 2.5" SATA hard drive bay, eSATA, Internal Compact

Flash Type II slot, GbE, USB 2.0 and DVI-I. The QBOX-1000 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 Digital Signage, Gaming, Transportation, Surveillance, Automation and Thin Client.

Technical Information

Construction	Aluminum extrusion
System Board	Proprietary motherboard, Intel® Atom N270 Processor , 945GSE / ICH7-M
Memory	DDR2 533 SO-DIMM up to 2GB
I/O Panel	<p>Front I/O panel</p> <ul style="list-style-type: none"> 1x Phone Jack for Line-Out 1x Phone Jack for MIC-In 1x Push button for power on/off 1x Push button for reset 1x POWER LED 1x HDD LED 1x Wifi LED 2x USB2.0 1x eSATA connector <p>Rear I/O panel</p> <ul style="list-style-type: none"> 1x DC JACK for DC9V ~ DC24V input 1x DVI-I connector for CRT & DVI output 2x USB2.0 1x RJ-45, GbE port 1x WLAN Antenna (optional)
Storage	<ul style="list-style-type: none"> 1 x 2.5" SATA HDD (default) 1 x internal CF socket (optional)

Power Supply	<ul style="list-style-type: none"> Input: 100-240 VAC, 50-60 Hz Output: 30W, +19VDC/1.58A output
Power Consumption	20W (without USB and eSATA devices)
Expansion	1 x Mini PCI-Express Socket (for optional WiFi)
Cooling	Fanless and Internal Heat Pipes
Temperature / Humidity	<ul style="list-style-type: none"> Operating: 0°C to 35°C, 0%-90%, non-condensing Storage: -20°C to 80°C, 0%-90%, non-condensing
Dimensions	130 x 40 x 110 mm (WxHxD)
Weight	750 g
Mounting	Wall-mount, VESA-mount
Certifications	CE, FCC Class B

QBOX-1000 I/Os

