

# 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
- Support up to 1080P with add-on HD decoding module



## 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

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

<b>Power Supply</b>	<ul style="list-style-type: none"> <li>Input: 100-240 VAC, 50-60 Hz</li> <li>Output: 30W, +19VDC/1.58A output</li> </ul>
<b>Working Voltage</b>	+9V ~ +24V
<b>Power Consumption</b>	20W (without USB and eSATA devices)
<b>Expansion</b>	1 x Mini PCI-Express Socket (for optional WiFi)
<b>Cooling</b>	Fanless and Internal Heat Pipes
<b>Temperature / Humidity</b>	<ul style="list-style-type: none"> <li>Operating: 0°C to 40°C, 0%-90%, non-condensing</li> <li>Storage: -20°C to 80°C, 0%-90%, non-condensing</li> </ul>
<b>Dimensions</b>	130 x 40 x 110 mm (WxHxD)
<b>Weight</b>	750 g
<b>Others</b>	Kensington Lock support
<b>Mounting</b>	Wall-mount, VESA-mount
<b>Certifications</b>	CE, FCC Class B

## QBOX-1000 I/Os

