

# QBOX-2010

Fanless Box PC with Intel Atom N270 CPU



- Intel Ultra Low Power Atom N270 CPU Onboard
- Dual Display Output (VGA and DVI-D)
- Support Embedded OS (Windows XPe and Linux)
- Dual Intel Gigabit Ethernet and 1 x RS-232
- Operating Temperature 0~50°C
- Ultra Slim(35mm), Compact Size and Fanless
- DC 12V Power Input

## Product Overview

The QBOX-2010 is a fan-less Box PC which 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 an 2.5" SATA HDD or SSD and 2 x GbE,

2 x USB 2.0, DVI-I, 1x COM, 1 x Mini-Card Slot. The QBOX-2010 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

<b>Construction</b>	
Aluminum Alloy	
<b>CPU</b>	
Intel® Atom N270 1.6 GHz Processor with 533 MHz FSB	
<b>Chipset</b>	
945GSE / ICH7-M	
<b>Memory</b>	
1 x DDRII-533 SO-DIMM Up to 2GB	
<b>Graphics</b>	
Integrated Intel® GMA950 GfX Core in 945GSE MCH	
<b>ATA</b>	
1 x serial ATA port with 150 MB/s HDD transfer rate	
<b>LAN</b>	
2 x Intel® 82574L Gigabit Ethernet	
<b>Watchdog</b>	
1 ~ 255 Level Reset	
<b>I/O</b>	
COM	Support 1 x RS-232/422/485 Port
USB	2 x USB 2.0 Ports
LAN	2 x RJ-45 for GbE
Video	1 x DVI-I female connector for DVI-D and VGA Output
Expansion	1 x Mini-card slot

<b>Storage</b>
1 x 2.5" drive bay for SATA Type Hard Disk Drive/SSD
<b>Cooling</b>
Fanless
<b>Environment</b>
Operating Temp: 0°C to 50°C, ambient w/air
Storage Temp: -10°C to 70°C
Relative Humidity: 10~95%@40°C (non-condensing)
Power Input: DC 12V Input
<b>Dimensions</b>
182 x 136 x 35 mm (LxWxH)
<b>Weight</b>
810 g (bare-bone)
<b>Mounting</b>
Wall mount, VESA mount
<b>Certifications</b>
CE, FCC

## QBOX-2010 I/Os

