# QutePC-2010

0.8-Liter Fanless Box PC with Intel® Atom Processor N270
(with 2x COMs, Digital I/Os)



- •• Fan-less Design and 0.8-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 eSATA, 4x USB and Audio
- •• Support 2x COMs and Digital I/Os,
- •• Support 1x 2.5" SATA HDD or 1x Internal Compact Flash Type II slot

## Product Overview

The QutePC-2010 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 an eSATA, 1x 2.5" SATA HDD or 1x Internal Compact Flash Type II slot, GbE, USB 2.0, DVI-I, 2x COMs and Digital I/Os.

The QutePC-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

| 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** | |
| | Front I/O panel |
| | 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 |
| | 2x USB2.0 |
| | 1x eSATA connector |
| | Rear I/O panel |
| | 1x DC JACK for DC12V input |
| | 1x DVI-I connector for CRT & DVI output |
| | 2x USB2.0 |
| | 1x RJ-45, GbE port |
| | 2x DB9 male connectors for COMs |
| | (2x RS-232/422/485, 5V/12V voltage selected by BIOS setting) |
| | 1x DB9 female connector for digital I/Os |
| **Storage** | |
| | 1x 2.5" SATA HDD or 1x Internal Compact Flash Type II slot |

| Power Supply | |
|---|---|
| | Input: 100-240 VAC, 50-60 Hz |
| | Output: 30W, +12VDC/2.5A output |
| **Power Consumption** | |
| | 20W (without USB and eSATA devices) |
| **Cooling** | |
| | Fanless and Internal Heat Pipes |
| **Temperature / Humidity** | |
| | Operating: 0°C to 40°C, 0%-90%, non-condensing |
| | Storage: -20°C to 80°C, 0%-90%, non-condensing |
| **Dimensions** | |
| | 170 x 47 x 110 mm (WxHxD) |
| **Weight** | |
| | 1200 g |
| **Mounting** | |
| | Wall mount, VESA mount, Din Rail mount |
| **Certifications** | |
| | CE, FCC Class A |

## QutePC-2010 I/Os

Quanmax