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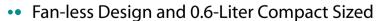
QBOX-1010

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









- •• 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,



Product Overview

The QBOX-1010 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 QBOX-1010 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 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 DC9V ~ DC24V 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 (4-bits input & 4-bits output, 5V/12V voltage selected by BIOS setting)

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 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, Din Rail mount

Certifications
CE, FCC Class B

QBOX-1010 I/Os

