

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

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
1x Wifi LED
2x USB2.0
1x eSATA connector
Rear I/O panel
1x DC JACK
1x DVI-I connector for CRT & DVI output
2x USB2.0
1x RJ-45, GbE port
2x WLAN Antenna (optional)
Storage
1 x 2.5" SATA HDD (default)
1 x internal CF socket (optional)

Power Supply
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
Operating: 0°C to 40°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
Others
Kensington Lock support
Mounting
Wall-mount, VESA-mount
Certifications
CE, FCC Class B

QBOX-1000 I/Os



Kontakt:

Nowatron Elektronik, spol. s r. o.

Na Radosti 298/4, 155 21 Praha 5
tel.: 251 614 073, 251 615 925
fax: 251 615 957
e-mail: praha@nowatron.cz

www.nowatron.cz

Heršpická 6, 639 00 Brno
tel.: 532 163 361-2
fax: 532 163 354
e-mail: brno@nowatron.cz

Nowatron Elektronik SK, s. r. o.

Technická 2, 821 04 Bratislava
Slovenská republika
tel./fax: +421 / 243 420 511
e-mail: bratislava@nowatron.sk

www.nowatron.sk