AT-QMA1000

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
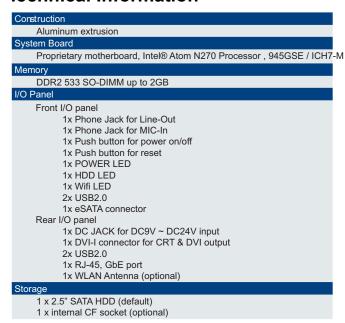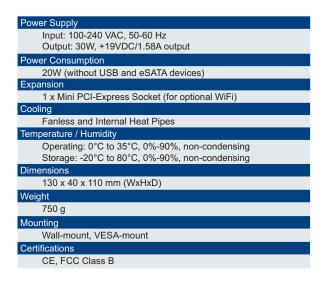
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Product Overview

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 for DC9V ~ DC24V input
	1x DVI-I connector for CRT & DVI output
	2x USB2.0
	1x RJ-45, GbE port
	1x 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 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
Certifications	
	CE, FCC Class B

AT-QMA1000 I/Os

USB   DVI-I   USB   LAN   WLAN Connector   DC JACK

On/Off   Audio-Out   Mic-In   eSATA   USB   USB   Reset   Power LED / HDD LED   WiFi LED