

QBOX-2060

Fanless BOX PC with Dual Core Intel® Atom™ Processor D2550



- Intel® Atom™ Processor D2550
- Intel® NM10 Express Chipset
- Intel® Graphics Media Accelerator 3650
- DDR3 800/1066 MHz SODIMM up to 4GB
- 1xDVI-I, 1xHDMI, 2xGbE, 4xCOM, 4xUSB and Audio
- 1x 2.5" SATA HDD or SSD, 1x Mini-PCIe slot, 1x mSATA slot supported
- Fanless design

Product Overview

The QBOX-2060 is a fanless BOX PC ideal for space critical applications. This embedded hardware platform is designed with Intel® Atom™ D2550 Processor which provides with excellent performance. The system is supported with Intel® NM10 Express chipset, and DDR3 SO-DIMM up to 4GB. Featured are 1x 2.5" SATA HDD or SSD, 1x mini-PCIe slot, 2x GbE, 4x USB 2.0, 1x DVI-I,

1x HDMI, 4x COMs.

The QBOX-2060 provides high reliability rugged case not only for great protection from EMI, cold and heat, but also integrated with passive cooling design for quiet fanless operation such as Transportation, Surveillance and Automation.

Technical Information

CPU Support	Intel® Atom™ Processor D2550 (1M Cache, 1.86GHz)
Chipset	Intel® NM10 Express Chipset
Memory	1x Single channel DDR3 800/1066MHz SO-DIMM up to 4 GB
BIOS	AMI Plug & Play SPI BIOS
Graphic	Intel® Graphics Media Accelerator 3650
External Display	1x HDMI 1x DVI-I
LAN	2x Gigabit Ethernet (Realtek RTL8111E) PXE/WOL supported
Audio	Realtek ALC662 HD Codec with 2W Audio Amplifier Mic-In, Line-In, Line-Out supported
Storage	1x 2.5" SATA HDD or SSD 1x mSATA
DIO	1x 8-bits programmable DIO

USB	4x USB 2.0
COM	4x COM [RS-232] ports with power selection on COM1~4 (RS-232/422/485 selection on COM1)
Expansion Slot	1x Mini-PCIe slot
Hardware Monitor	Operating Voltage, CPU temperature
Watchdog Timer	1-255 step, can be set with software on Super I/O
Power	DC 12V Input
OS Support	Windows 7
Dimensions	210x35x135mm (WxHxD)
Environment	Operating Temp: 0°C - 60°C Storage Temp: -20°C - 80°C Humidity: 0°C - 95°C
Certifications	CE, FCC Class A

QBOX-2060 I/Os

