

# QBOX-2060

Fanless BOX PC with Dual Core Intel® Atom™ Processor D2700



- Intel® Atom™ Processor D2700
- 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™ D2700 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

<b>CPU Support</b>	Intel® Atom™ Processor D2700 (1M Cache, 2.13GHz)
<b>Chipset</b>	Intel® NM10 Express Chipset
<b>Memory</b>	1x Single channel DDR3 800/1066MHz SO-DIMM up to 4 GB
<b>BIOS</b>	AMI Plug & Play SPI BIOS
<b>Graphic</b>	Intel® Graphics Media Accelerator 3650
<b>External Display</b>	1x HDMI 1x DVI-I
<b>LAN</b>	2x Gigabit Ethernet (Realtek RTL8111E) PXE/WOL supported
<b>Audio</b>	Realtek ALC662 HD Codec with 2W Audio Amplifier Mic-In, Line-In, Line-Out supported
<b>Storage</b>	1x 2.5" SATA HDD or SSD 1x mSATA
<b>DIO</b>	1x 8-bits programmable DIO

<b>USB</b>	4x USB 2.0
<b>COM</b>	4x COM [RS-232] ports with power selection on COM1~4 (RS-232/422/485 selection on COM1)
<b>Expansion Slot</b>	1x Mini-PCIe slot (SIM Card socket supported)
<b>Hardware Monitor</b>	Operating Voltage, CPU temperature
<b>Watchdog Timer</b>	1-255 step, can be set with software on Super I/O
<b>Power</b>	DC 12V Input
<b>OS Support</b>	Windows 7
<b>Dimensions</b>	210x35x135mm (WxHxD)
<b>Environment</b>	Operating Temp: 0°C - 50°C Storage Temp: -20°C - 80°C Humidity: 0°C - 95°C
<b>Certifications</b>	CE, FCC Class A

## QBOX-2060 I/Os

