

QBOX-5000

Fanless Box PC w/

Intel® Celeron® Processor 1047UE / Intel® HM76 Express Chipset



- Intel® Celeron® Processor 1047UE
- Intel® HM76 Express chipset
- DDR3 1333/1600 MHz memory support up to 8 GB
- 1x HDMI, 2x DP, 4x USB3.0, 4x USB2.0, 5x COM, 1x DIO, 2x GbE LAN, Audio
- 1x 2.5" SATA HDD or SSD
- Fanless design



Product Overview

The QBOX-5000 is a fanless Box PC ideal for space critical applications. This embedded hardware platform features Intel® Celeron® Processor 1047UE, Intel® HM76 Express chipset, and DDR3 1333/1600 SO-DIMM. It comes with a 2.5" SATA hard drive or SSD, HDMI, DP, 4x USB 3.0, 4x USB 2.0, 5x COM, 2x GbE LAN, DIO, and HD Audio.

The QBOX-5000 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® Celeron® Processor 1047UE (2M Cache, 1.40 GHz)
Chipset	Intel® HM76 Express Chipset
Memory	1x DDR3 1333/1600MHz SODIMM support (8GB max)
BIOS	AMI Plug & Play SPI BIOS
External Display	1x HDMI 2x Display Ports
LAN	2x Gigabit Ethernet (Realtek RTL8111E) PXE / WOL supported
Audio	Realtek ALC662 HD Codec w/ 2W Audio Amplifier Mic-In, Line-In, Line-Out Supported
Storage	1x 2.5" SATA HDD or SSD
USB	4x USB2.0 4 x USB 3.0

COM	5x COM ports COM1~2 with power selection RS-232/422/485 selection on COM1 RS-232 selection on COM2~5
DIO	8-bit digital I/O supported(4-bit in and 4bit out) DIO signals with 5V level supported
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, Windows 8, Linux
Dimensions	240 x 135 x 50 mm (W x D x H)
Environment	Operation Temp: 0°C - 50°C Storage Temp.: -20°C - 80°C Humidity: 0% - 90%
Certifications	CE, FCC Class A

QBOX-5000 I/Os

