

QDSP-5000

Fanless Box PC w/ Intel® Core Processor i7-3517UE



- Intel® Core Processor i7-3517UE
- Intel® QM77 Express Chipset
- DDR3 1333/1600 MHz memory support up to 16 GB
- 1x HDMI, 2x DP, 1x S/PDIF Output and Clear CMOS
- 2x USB2.0, 4x USB3.0, 2x COM, 2x GbE LAN and Audio
- 1x mSATA, 2x Mini-PCIe slots
- Triple-independent display /Dual storage
- TPM, iAMT supported
- Fanless design

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Product Overview

The QDSP-5000 is a fanless Box PC ideal for space critical applications. This embedded hardware platform features Intel® Core Processor i7-3517UE, Intel® QM77 Express chipset, and DDR3 1333/1600 SO-DIMM. It comes with 2.5" SSD, mSATA, 2x Mini-PCIe slots, HDMI, 2x DP, 2x USB2.0, 4x USB3.0, 2x COM, 2x GbE LAN, and Audio.

The QDSP-5000 provides triple-independent display and dual storage, 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 Digital Signage.

Technical Information

CPU Support
Intel® Core Processor i7-3517UE (4M Cache, up to 2.80 GHz)
Chipset
Intel® QM77 Express Chipset
Memory
2x Single Channel DDR3 1333/1600MHz SODIMM support (16 GB max)
BIOS
AMI Plug & Play SPI BIOS
I/Os
Front I/O
Realtek ALC662 HD Codec w/ 2W Audio Amplifier, Mic-In, Line-In, Line-Out
1x S/PDIF Output
1x eSATA and USB 2.0 combo supported
2x USB 2.0
2x USB 3.0
1x Power Button with Power LED
1x Storage HDD status LED (RED)
1x Wifi /3G status LED (Green)
1x Clear CMOS
Rear I/O
1x DC JACK
1x HDMI
2x DP
2x RJ-45 GbE ports (Realtek RTL8111E/ Intel 82579)PXE / WOL supported
2x USB 3.0
2x COM Ports support RS-232/422/485
2x WiFi External Antennas (optional)
1x 3G External Antenna (optional)

Storage
1x 2.5" SSD
1x eSATA and USB 2.0 combo connector
1x mSATA
TPM / iAMT
TPM , iAMT supported
Expansion slot
2x Mini-PCIe slots (SIM Card socket supported)
Hardware Monitor
Operating voltage, CPU temperature
Watchdog Timer
1-255 step, can be set with software on Super I/O
Power
DC 19V Input
OS Support
Windows 7/ Windows 8 /Linux
Dimensions
220 x 153.3 x 38 mm (W x D x H)
Temperature / Humidity
Operating: 0°C to 50°C, 0%-90%, non-condensing
Storage: -20°C to 80°C, 0%-90%, non-condensing
Certifications
CE, FCC Class A

QDSP-5000 I/Os

