

# 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



## Product Overview

The QDSP-5000 Series 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	<p><b>Front I/O</b></p> <ul style="list-style-type: none"> <li>Realtek ALC662 HD Codec w/ 2W Audio Amplifier, Mic-In, Line-In, Line-Out</li> <li>1x S/PDIF Output</li> <li>1x eSATA and USB 2.0 combo supported</li> <li>2x USB 2.0</li> <li>2x USB 3.0</li> <li>1x Power Button with Power LED</li> <li>1x Storage HDD status LED ( RED )</li> <li>1x Wifi /3G status LED ( Green )</li> <li>1x Clear CMOS</li> </ul> <p><b>Rear I/O</b></p> <ul style="list-style-type: none"> <li>1x DC JACK</li> <li>1x HDMI</li> <li>2x DP</li> <li>2x RJ-45 GbE ports (Realtek RTL8111E/ Intel 82579 )PXE / WOL supported</li> <li>2x USB 3.0</li> <li>2x COM Ports support RS-232/422/485</li> <li>2x WiFi External Antennas ( optional )</li> <li>1x 3G External Antenna ( optional )</li> </ul>

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

