

# QDSP-6000 Series

Fanless Box PC with Intel® Haswell ULT Processor



- Intel® Haswell ULT Processor
- Support 2x DDR3L SO-DIMM up to 16GB
- Support 2xCOM, 2xHDMI
- Support 2xGbE, 4x USB3.0, 2x USB 2.0 and Audio
- Support 2x mPCIe sockets
- Dual storage
- Support TPM / iAMT
- Fanless design

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## Product Overview

The QDSP-6000 series is a fanless Box PC ideal for space critical applications. This embedded hardware platform features Intel® Haswell ULT Processor, and 2x DDR3L 1333/1600 SO-DIMM. It comes with mSATA, 2x Mini-PCIe slots, 2x HDMI, 2x USB2.0, 4x USB3.0, 2x COM, 2x GbE LAN, and Audio.

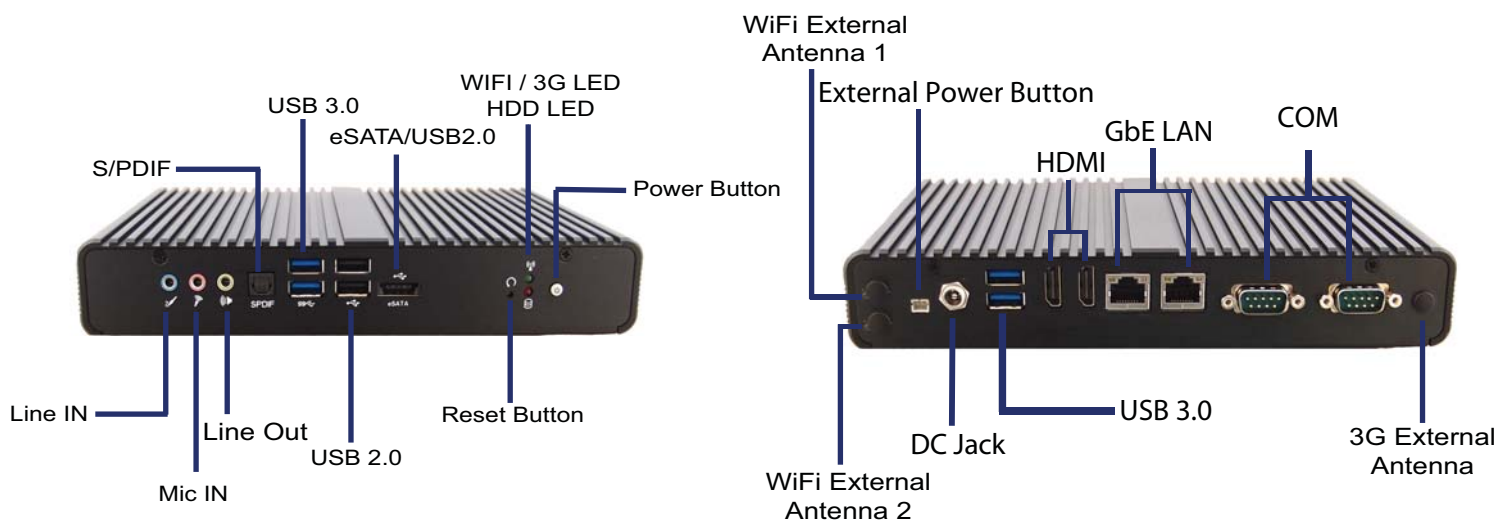
The QDSP-6000 series provides high reliability rugged case not only for great protection from EMI, cold and heat, but also integrated with passive cooling design for quiet fanless operation such as Digital Signage.

## Technical Information

System Board	
Intel® Haswell ULT Processor	
Memory	
2x DDR3L SO-DIMM up to 16GB	
I/O Panel	
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 3.0	
2x USB 2.0	
1x Power Button with Power LED	
1x Storage HDD status LED ( RED )	
1x Wifi /3G status LED ( Green )	
1x Reset Button	
Rear I/O	
1x Lockable DC JACK	
2x HDMI	
2x USB3.0	
2x RJ-45 GbE ports (Realtek RTL8111E/ Intel 82579 )PXE / WOL supported	
2x COM Ports support RS-232/422/485	
2x WiFi External Antennas ( optional )	
1x 3G External Antenna ( optional )	
1x External Power Button	
BIOS	
AMI uEFI SPI BIOS	
Hardware Monitor	
Operating voltage, CPU temperature	

TPM / iAMT	
QDSP-6001 :TPM / iAMT supported	
Extension	
2x mPCIe Sockets	
1x SIM card holder	
Power Supply	
Input: 100-240 VAC, 50-60 Hz	
Output: 90W, +19VDC/ 4.74A output	
Temperature / Humidity	
Operating: 0°C to 50°C, 0%-90%, non-condensing	
Storage: -20°C to 80°C, 0%-90%, non-condensing	
OS Support	
Windows 7, Windows 8, Linux	
Storage	
1x SATA connector for HDD/SSD support	
1x eSATA connector with power supply	
1x mSATA socket	
Dimensions	
220 x 153.3 x 38 mm (W x D x H)	
Watchdog Timer	
1-255 step, can be set with software on Super I/O	
Mounting	
VESA mount	
Certifications	
CE, FCC Class A	

## QDSP-6000 series I/Os



**Ordering Information**

Article	Description
QDSP-6000	Intel® Haswell ULT Core™ i3-4010U Processor 2x GbE LANs, 2x HDMI, 4x USB 3.0, 2x mini-PCle and Line-in/Line-out/MIC-in
QDSP-6001	Intel® Haswell ULT Core™ i5-4300U Processor 2x GbE LANs, 2x HDMI, 4x USB 3.0, 2x mini-PCle, Line-in/Line-out/MIC-in and iAMT /TPM

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