

QDSP-2080

Digital Signage Player with Intel® Haswell Processor



- Intel® Haswell Processor with QM87 Express chipset
- 2 x DDR3/L 1333/1600 MT/S SO-DIMM up to 16 GB
- 1x DVI-I, 2x HDMI, 2x GbE and 5.1 channel audio output
- SATA HDD or SSD, 6x USB 3.0
- Support 4K x 2K Resolution
- Intel® iAMT 8.0 supported
- Optional Wireless Ethernet or 3G Module

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Product Overview

The QDSP-2080 is a compact size Box PC ideal for space critical applications. This embedded hardware platform features 4th Generation Intel® Core™ i3/i5/i7 Processors, Intel® QM87 Express chipset, and DDR3/L1333/1600 MT/SO-DIMM. It comes with a 2.5" SATA hard drive or SSD, 2x HDMI, 2x RJ-45, DVI-I, 6x USB 3.0, COM, and HD Audio.

The QDSP-2080 provides high reliability for harsh environments, compact size, high performance and is highly suited to a wide range of industrial applications such as Digital Signage, Gaming, Transportation, Surveillance, and Thin Servers.

Technical Information

Construction	
Metal Housing	
System Board	
Intel® Haswell Processor	
4th Generation Intel® Core™ i3/i5/i7 Processors	
Intel® QM87 Express Chipset	
Memory	
2x DDR3/ L 1333/ 1600 MT/S SO-DIMM up to 16 GB	
Graphic	
Intel® HD Graphics 4600 supports 4K x 2K Resolution	
I/O Panel	
Front I/O	
3x 3.5mm Phone Jack, support 5.1 channel audio output	
1x S/PDIF Output	
6x USB 3.0	
1x Power Button (With Power LED)	
1x Storage status LED (HDD)	
1x Wifi status LED	
1x 3G external antenna	
1x Reset Switch	
Rear I/O	
1x DC JACK	
1x DVI-I for DVI-D or VGA output	
2x HDMI	
2x RJ-45 GbE ports	
1x COM Port support RS-232/422/485	
2x Wifi external antennas	

BIOS	
AMI uEFI BIOS	
1x 128Mb SPI flash ROM onboard	
Storage	
2.5" SATA HDD or SSD	
Up to 2x mSATA mixed with mini PCIe	
Expansion	
2 x mini PCIe slots (Optional for 3G/WiFi/Bluetooth module)	
1x SIM card slot (for 3G appliance) support user accessible	
Power Supply	
Input: 100-240 VAC	
Output: +19VDC, 4.73A, 90W	
Cooling	
System Fan with smart fan function	
OS Support	
Windows 7, Windows 8, Linux	
Temperature / Humidity	
Operating: 0°C to 40°C, 0%-90%, non-condensing	
Storage: -20°C to 80°C, 0%-90%, non-condensing	
Dimensions	
200 x 35 x 153.1 mm (WxHxD)	
Weight	
1 Kg	
Mounting	
VESA Mount	
Certifications	
CE, FCC Class A	

QDSP-2080 I/Os

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