

Q7-951 Qseven Carrier Board

GRAPHICS FEATURES

- Chrontel CH7317B (SDVO to RGB DAC)

AUDIO FEATURES

- Realtek ALC262 audio codec
- 2-channel audio output

SERIAL ATA (SATA) FEATURES

- Two Serial ATA ports
- SATA speed up to 3Gb/s (SATA 2.0)

TPM FEATURES (optional)

- Infineon SLB9635TT12

I/O CHIP FEATURES

- Winbond 83627DHG-P controller
- LPC interface
- Supports system fan
- Default I/O port address "2Eh"

DAMAGE FREE INTELLIGENCE

- Monitors system temperature and overheat alarm
- Monitors system fan speed and failure alarm

TEMPERATURE

- 0°C to 60°C

HUMIDITY

- Operating: 10% to 90%

REAR PANEL I/O PORTS

- 1 12V DC-in jack
- 1 DB-15 VGA port
- 1 DB-9 RS232 serial port
- 2 USB 2.0/1.1 ports
- 1 RJ45 LAN port
- 1 line-out jack

I/O CONNECTORS

- 2 connectors for 4 external USB 2.0/1.1 ports
- 1 connector for an external RS232/422/485 serial port
- 1 LPC connector
- 1 I²C connector
- 1 CAN-bus connector
- 1 USB client connector
- 1 LVDS LCD panel connector
- 18/24-bit single channel
- 1 LCD/inverter power connector
- 1 8-bit Digital I/O connector
- 1 Digital I/O power connector
- 1 audio connector for line-in, line-out and mic-in jacks
- 1 S/PDIF connector
- 2 Serial ATA connectors
- 1 4-pin 12V power connector
- 1 chassis intrusion connector
- 1 front panel connector
- 1 fan connector

EXPANSION SLOTS

- 1 SD/SDIO/MMC socket
- 1 mini PCIe socket

BOARD TO BOARD CONNECTORS

- One MXM connector

PCB

- 3.5" form factor
- 102mm (4.02") x 147mm (5.79")

