

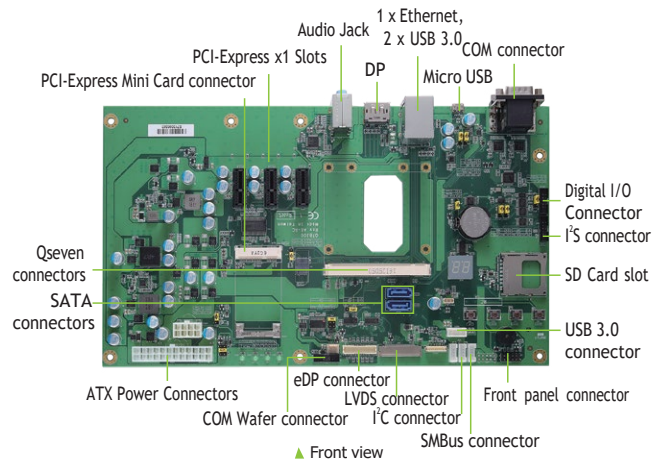
qSR7B300

NEW

Qseven Module Rev 2.1 Development Baseboard

Features

- Qseven module evaluation purpose
- 1 Gigabit Ethernet port
- 2 SATA connectors
- 2 RS-232/422/485 & 1 RS-232
- 3 PCIe x1 slots
- 3 USB 3.0, 1 micro USB 2.0 port (optional)
- 1 PCI Express Mini Card slot (PCIe+USB+SMBus)
- 1 SD card slot
- 1 LVDS (or eDP)/DP connector



Core System

CPU	On the module
System Memory	On the module
Chipset	SoC integrated
BIOS	On the module
SSD	N/A
Watchdog Timer	On the module
Expansion Interface	1 x PCI Express Mini Card slot (SD full-size) 3 x PCIe x1 1 x SD Card slot
Battery Lithium	Lithium 3V/220 mAh.
Power Input	AT/ATX power
Size	293.4 x 171.5 mm
Board Thickness	1.6 mm
Temperature	-20°C - +70°C (-40°F - +185°F), operation
Operation Humidity	10% - 95% relative humidity, non-condensing

I/O

MIO	2 x RS-232/422/485 1 x RS-232 (RX/TX/RTS/CTS) 1 x I²C 1 x SMBus
SATA	2 x SATA-600
Hardware Monitoring	Yes
Ethernet	1 port with 10/100/1000Mbps signals routed from CPU module
Audio	HD audio with Line-out/MIC-in
USB	3 x USB 3.0 1 x Micro USB 2.0 port (optional)
Digital I/O	4 channels IN & 4 channels OUT
Display	1 x LVDS 18/24-bit single channel LVDS 1 x eDP connector (switchable to LVDS with jumper setting) 1 x DisplayPort

Packing List

Quick installation guide; user's manual/utility CD

Ordering Information

Standard	
qSR7B300 (P/N : E399300100)	Qseven Rev 2.1 development board

System on Module 1
2
3
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