

REV-Q703

QSeven Module Carrier Board

Qseven 2.0 and 2.1 Carrier Board
(Mini ITX Form Factor)

Features

- Qseven 2.0 and 2.1 Evaluation Baseboard, Mini ITX 6.7" x 6.7" (170mm x 170mm)
- 1 x DP, HDMI, LVDS
- 1 x COM
- 7 x USB
- 1 x RJ45 Ethernet
- 1 x mPCIe x1 (with SIM Card Socket)
- 1 x PCIe x1
- 2 x SATA
- 1 x SD card slot
- Audio Phone Jack (Line-in, Line-out, Mic-in)
- 16-Bit GPIO



Specifications

External I/O Connector

USB	1 x USB 2.0 1 x USB 3.0
Audio Codec	X86 platform => ALC892 ARM platform => WM8962
Audio Interface	Line-in, Line-out, Mic-in
Ethernet	1 x RJ45 LAN port
HDMI	1 x HDMI
DP	1 x DP
COM	1 x COM
OTG	1 x OTG (Mini USB OTG)
Storage	1 x SD socket

Internal I/O Connector

USB	2 x USB 2.0 (5x2) Header 1 x USB 2.0 (5x1) wafer box
LVDS	1 x LVDS connector 1 x Back light connector
GPIO	1 x GPIO (10x2) Header
Expansion	1 x PCIe x1 1 x mPCIe x1 (with SIM Socket)
SATA	2 x SATA w/ PWR
Others	1 x SPI, 1 x CAN, 1 x LPC, 1 x JFP (Miscellaneous Setting Connector), 1 x PWM CPU Fan (4x1) Header, 1 x 4P PWR Header

Mechanical & Environment

Power Requirement	12V DC
Operating Temp	-40°C ~ 85°C
Storage Temp	-40°C ~ 85°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Form Factor	QSeven Module
Dimensions (L) x (W)	6.7" x 6.7" (170 x 170mm)
Weight	TBA

* All product specifications and images are subject to change without notice.
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