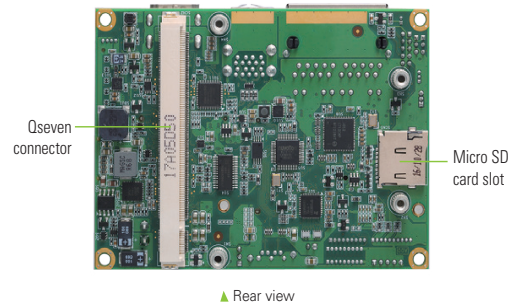
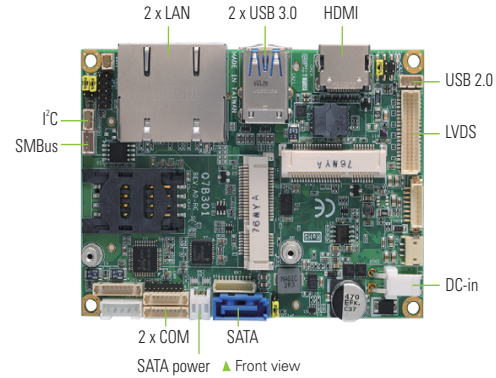


Q7B301

Qseven Module Rev 2.1 Application Board with LVDS, HDMI, Dual LANs and Audio

Features

- 100 x 72 mini size form factor
- 2 GbE LANs
- SATA-600
- LVDS and HDMI
- 1 USB 2.0 and 2 USB 3.0
- 2 PCI Express Mini Card slots



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 Full-Size PCI Express Mini Card Slot (mSATA supported) 1 x Half-size PCI Express Mini Card slot 1 x SIM card slot
Battery Lithium	N/A
Power Input	2-pin DC-in 12V connector
Dimensions	100 x 72 mm
Board Thickness	1.6 mm
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	10% to 95% relative humidity, non-condensing

I/O

SATA	1 x SATA-600
Hardware Monitoring	Yes
Ethernet	1 x 10/100/1000 Mbps Ethernet with Intel® i210-IT; supports Wake-on-LAN, PXE Boot ROM 1 port with 10/100/1000 Mbps signals routed from CPU module
Audio	HD audio with Line-out & MIC-in
USB	1 x USB 2.0 2 x USB 3.0
Serial	2 x RS-232/422/485
TPM	N/A
SMBus	Yes
Others	1 x I ² C
GPIO	4-CH in & 4-CH out
Display	1 x LVDS, 18/24-bit single channel 1 x HDMI

Packing List

Quick installation guide; user's manual/utility CD

Ordering Information

Standard	
Q7B301LVDS (P/N: E399301100)	Oseven Rev 2.1 application board with 2 PCI Express Mini Card slots, 2 GbE LANs, LVDS and HDMI



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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