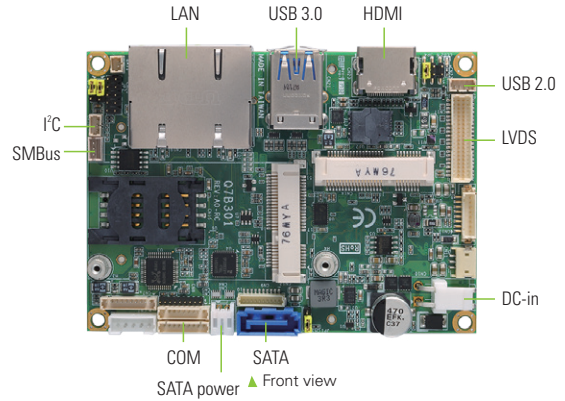


# Q7B301 NEW

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 and HDD
- LVDS/HDMI
- 1 USB 2.0 and 2 USB 3.0
- 2 PCI Express Mini Card slots

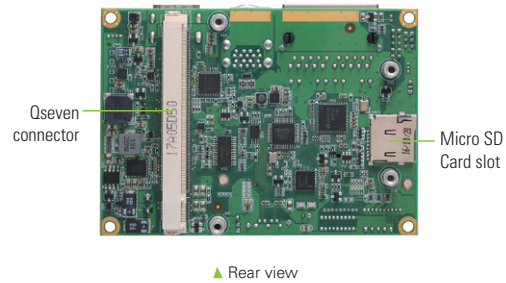


### Core System

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	2 x PCI Express Mini Card slot (1 full-size, 1 half-size) 1 x SIM Card slot
Battery Lithium	N/A
Power Input	2-pin DC-in 12V connector
Size	100 x 72 mm
Board Thickness	1.6 mm
Temperature	-40°C ~ +85°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 i²C 1 x SMBus
SATA	1 x SATA-600
Hardware Monitoring	Yes
Ethernet	1 port as 10/100/1000Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i210IT 1 port with 10/100/1000Mbps signals routed from CPU module
Audio	HD audio with Line-out/MIC-in
USB	1 x USB 2.0 2 x USB 3.0
Digital I/O	4 channels IN & 4 channels 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	Qseven Rev 2.1 application board with PCI Express Mini Card slot, 2 GbE LANs, LVDS/HDMI and multiple I/O features

