ROC235B

19" 1U Rack-mount Intel® QM77 Fanless Rugged System with Core i7/i5/i3 processors, 100V to 240V AC-in, Extended Temperature. -20 to 60°C

- Intel® Ivy Bridge i7/i5/i3 CPU + Intel QM77 PCH
- 2 x DDR3 SO-DIMM up to 16 GB
- Rich I/O interface with 1 COM, 6 USB, 2 LAN (RJ45)
- Multi-Display: DVI-D, HDMI, VGA
- Dual GbE LAN ports
- Supports 2 x 2.5'' Easy Swap SSD
- 100V~240V AC-in
- Extended operating temperature. -20 to 60°C

Specifications

System

High Performance Processor	Intel® 22nm Ivy Bridge Processor (Mobile) socket(rPGA988) Intel® Core™ i7-3610QE (4C x 3.3 GHZ), 6M L2 cache (45W) Intel® Core™ i5-3610ME (2C x 2.7 GHZ), 3M L2 cache (35W) Intel® Core™ i3-3120ME (2C x 2.4 GHZ), 3M L2 cache (35W)
Memory type	2 x 204-pin SO-DIMM DDR3 1333/1600 MHz up to 16GB
Chipset	Intel® QM77
Expansion Slot	2 x PCI by PCIe x 1, from PCH 1 x Mini PCIe for GEN2
Storage Device	2 x 2.5" SATA HDD/SSD (Easy Swap 2.5" HDD cage) Supports RAID 0,1

Ethernet

Ethernet	Intel® 82579LM & 82574IT GbE LAN (support 10/100/1000 Mbps for x2 RJ45 ports)

Rear I/O

DVI-D	1 x 25-pin DVI-D connector (female)
VGA	1 x 15-pin VGA connector (female)
HDMI	1 x 19-pin HDMI A Type connector (female)
COM	1 x RS232/422/485
Audio	Mic-in, Line-out
USB	4 x USB 3.0

Front I/O

Power Button	1
Power LED	1
HDD LED	1
USB	2 x USB 2.0
Reset	1

Mechanical &Environmental

Power Requirement	100V to 240V AC-in
Dimension	440 x 44 x 380 mm (17.32" x 1.73" x 14.96")

Operating Temp	-20 to 60°C (ambient with air flow)
Storage Temp.	-20 to 80°C
Relative Humidity	0% to 95%, non-condensing
EMC	CE, FCC

Dimension