



LAND



SEA



AIR



# ROC235A

**19" 1U RACK-MOUNT INTEL® QM77  
FANLESS RUGGED SYSTEM WITH INTEL®  
CORE™ i7/i5/i3 PROCESSORS, 9V TO 24V  
DC-IN, WIDE TEMP. -40 TO 70°C**



- Supports Intel® 22nm Ivy Bridge Processor
- i7-3610QE/i5-3610ME/i3-3120ME
- 2 x DDR3 SO-DIMM up to 16 GB
- Supports 2 x 2.5" SATA HDD/SSD
- Multi-display: 1 x DVI-D, HDMI, VGA
- Dual GbE LAN ports
- 4 x USB 3.0 / 2 x USB 2.0
- 9V ~ 24V DC-in

# Specifications

## SYSTEM

High Performance Processor	Intel® 22nm Ivy Bridge Processor (Mobile) socket (rPGA988) Core™ i7-3610QE (4C x 3.3 GHZ), 6M L2 cache (45W) Core™ i5-3610ME (2C x 2.7 GHZ), 3M L2 cache (35W) 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 16 GB
Chipset	Intel® QM77
Expansion Slot	2 x PCI
Storage Device	1 x 2.5" SATA HDD/SSD

## REAR I/O

DVI-D	1
VGA	1
HDMI	1
Ethernet	2 x RJ45
COM	1 x RS232/422/485
Audio	Mic-in, Line-out
DC-in	1 ( Terminal Block)

## FRONT I/O

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

## MECHANICAL & ENVIRONMENTAL

Power Requirement	Power Requirement
Dimension	440 x 44x 380 mm
Weight	5.9Kg(13.01lbs)
Operating Temp	-40 to 70°C (ambient with air flow)
Storage Temp.	-40 to 80°C
Relative Humidity	0% to 95%, non-condensing

## Dimension

