

PER35A-Intel® QM77 Fanless Rugged System



INTEL® QM77 FANLESS RUGGED SYSTEM

- Supports Intel® 22nm Ivy Bridge Processor (Mobile, rPGA988)
- 2 x DDR3 SO-DIMM up to 16 GB
- Supports 2.5" SATA HDD/SSD & CF-SATA socket
- 6 x COM ports
- 4 x USB 3.0 / 4 x USB 2.0
- Dual GbE LAN ports
- 9V ~ 24V DC-in



PER35A

Specifications

SYSTEM

CPU	Intel® 22nm Ivy Bridge Processor (Mobile) socket (rPGA988) Core™ i5-3610ME 2.7 GHz (3M Cache, 35W) Core™ i3-3120ME 2.4 GHz (3M Cache, 35W)
Memory type	2 x 204-pin SO-DIMM DDR3 1333/1600 MHz up to 16 GB
Chipset	Intel® QM77

FRONT I/O

Power Button	Yes
Power LED	Yes
HDD LED	Yes
LPT	1
COM	5 x RS232
USB	4 x USB 2.0

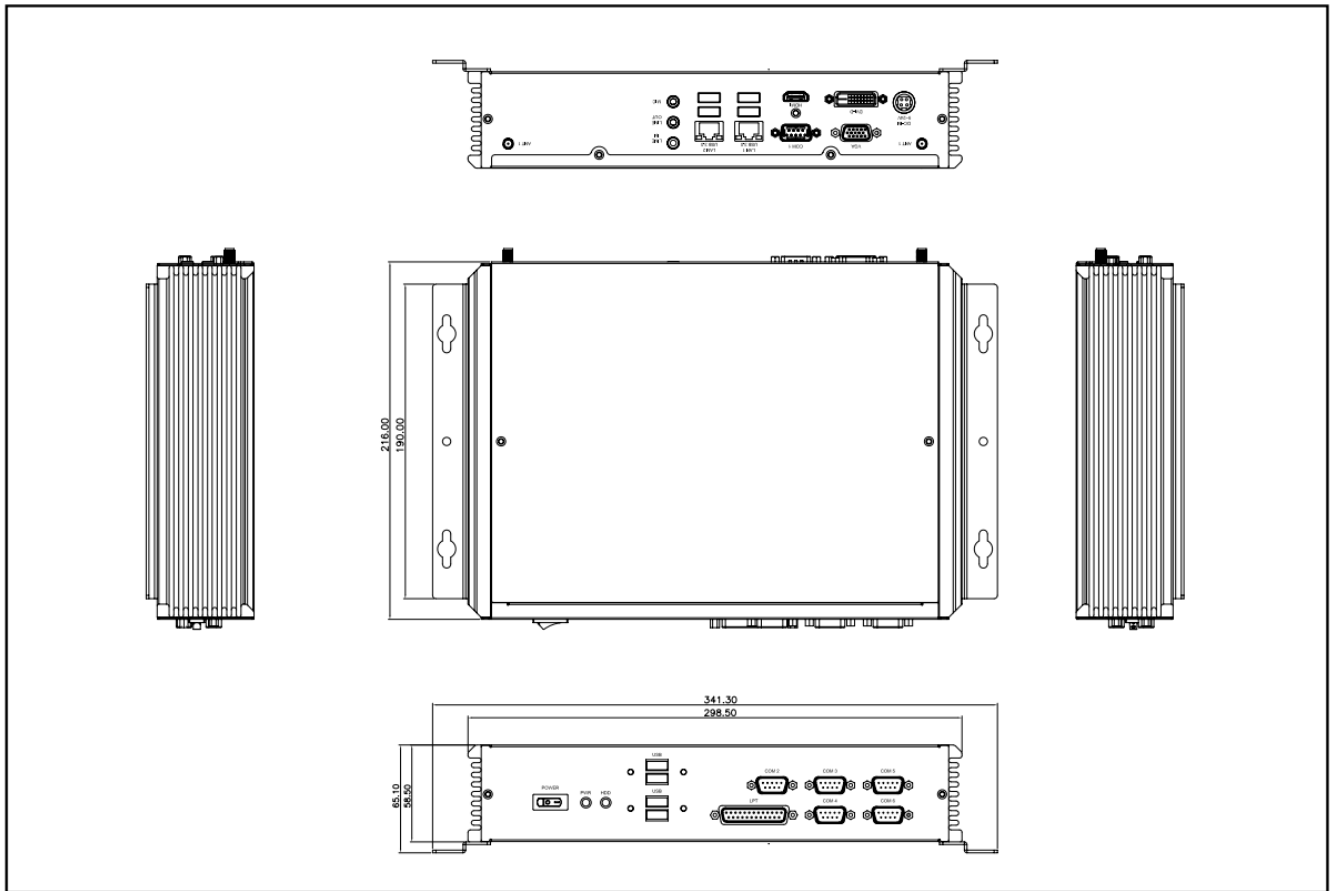
REAR I/O

VGA	1
DVI-D	1
HDMI	1
Ethernet	2 x RJ45
Audio	Mic-in, Line-in, Line-ou
COM	1 x RS232/422/485
USB	4 x USB 3.0
Antenna	Reserved two antenna holes
DC-Jack	1

MECHANICAL & ENVIRONMENT

Power Requirement	9V to 24V DC-in
Dimension (W x H x D)	299 x 59 x 216 mm (11.77" x 2.3" x 8.5")
Operating Temp.	-40 to 60 C
Storage Temp	-20 to 80°C
Relative Humidity	10% to 90%, non-condensing

Dimension



Ordering Information

Model Number	Description
PER35A-ET-i5-3610ME	Intel® QM77 Fanless Rugged System with Intel® Ivy Bridge Core™ i5 Processor, 9V to 24V DC-in (-20 to 60°C)
PER35A-ET-i3-3120ME	Intel® QM77 Fanless Rugged System with Intel® Ivy Bridge Core™ i3 Processor, 9V to 24V DC-in (-20 to 60°C)
PER35A-UT-i5-3610ME	Intel® QM77 Fanless Rugged System with Intel® Ivy Bridge Core™ i5 Processor, 9V to 24V DC-in (-40 to 60°C)
PER35A-UT-i3-3120ME	Intel® QM77 Fanless Rugged System with Intel® Ivy Bridge Core™ i3 Processor, 9V to 24V DC-in (-40 to 60°C)