

## Fanless Rugged System

# PER335B

Fanless Rugged System with Intel® Core i5-3610ME Processor  
12V DC-in, Wide Operating Temp. -40 to 60°C



- 3rd Generation Intel® Core™ i5-3610ME processor (BGA)
- 4 x Rugged M20 Ethernet Ports
- Multi-Display By DVI-D and VGA
- Swappable 2.5" HDD/SSD Design
- 2 x USB, 2 x COM (1 x RS232/422/485, 1 x RS232)
- 12V DC-IN
- Wide Operating Temp. -40°C ~ 60°C

# PER335B

## Specification

System	
High Performance Processor	Intel® Core™ i5-3610ME Processor (3M Cache, up to 3.30 GHz)
Chipset	Intel® QM77
Memory	1 x DDR3 SO-DIMM up to DDR3-1600 8GB SDRAM
Expansion Slot	2 x Mini PCIe (1 supported with mSATA)
Storage	3 x 2.5" HDD/SSD 1 x SATA DOM
Ethernet	
Ethernet	2 x Intel I210-IT Gigabit Ethernet 1 x Intel 82579LM Gigabit Ethernet 1 x Intel 82574L Gigabit Ethernet
Front I/O	
VGA	1 x VGA connector
DVI	1 x DVI-D Connector
Ethernet	4 x M20 Connectors
Serial Port	2 x DB9 (1 x RS-232/422/485, 1 x RS-232)
USB Port	2 x USB3.0 standard-A connectors
Power Button	1
DC-IN	1 x 3 pin Terminal Block

## Applications, Operating System

Applications	Embedded Computing, Process Control, Intelligent Automation and manufacturing applications, Railway surveillance, Passenger information system, Driver Machine interface, Train management and applications where Harsh Temperature, Shock, Vibration, Altitude, Dust, Damp and EMI Conditions.
Operating System	Microsoft Windows 7 32/64Bit, Microsoft Windows 8 32/64Bit, Microsoft Windows 10 32/64Bit, Ubuntu13.04, Ubuntu13.10, Ubuntu14.04, Fedora 20
Physical	
Dimension (W x D x H)	298 x 201 x 129 mm (11.7" x 7.9" x 5.1")
Weight	4.6 kg (10.13 lbs)
Chassis	Aluminum Alloy, Steel Plate Cold-Rolled Coil
Mechanical and Environment	
Operating Temp.	-40°C ~ 60°C (-40°F ~ 140°F)
Storage Temp.	-40°C ~ 85°C (-40°F ~ 185°F)
Humidity	10% ~ 90% RH non-condensing
EMC	CE and FCC compliance
Green Product	RoHS, WEEE compliance
Power Type	DC 12V

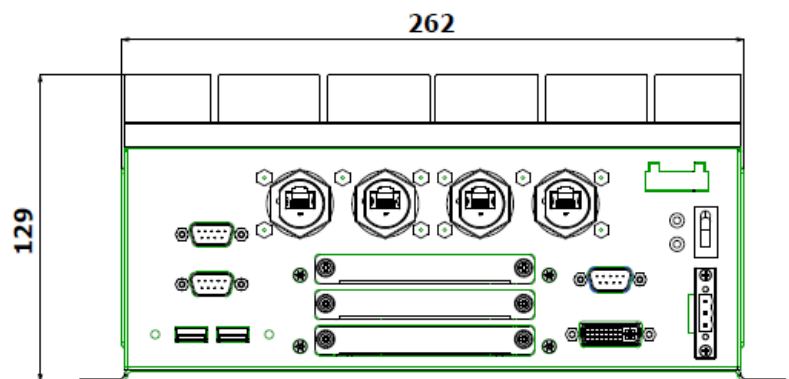
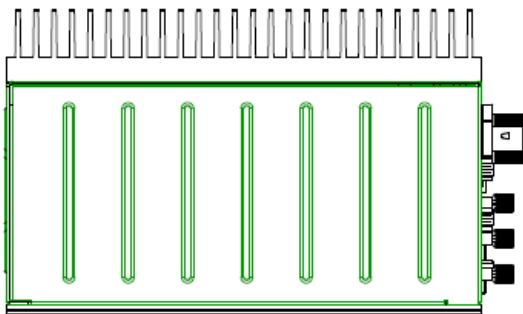
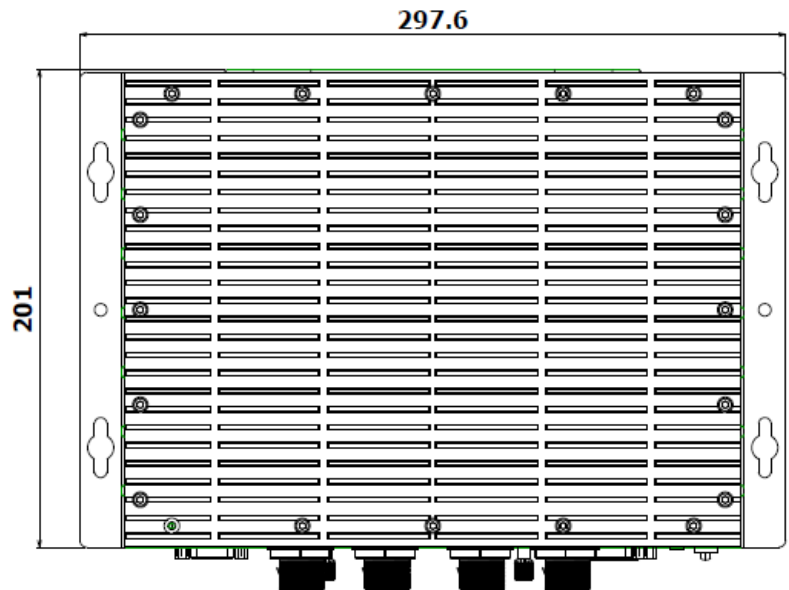
## Ordering information

### PER335B-UT

Rugged Fanless System with Intel® Core™ i5-3610ME Processor, Rugged M20 Ethernet connectors  
12V DC-in, Wide Operating Temp. -40°C ~ 60°C

## PER335B

### Dimension



### Appearance

