

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 |

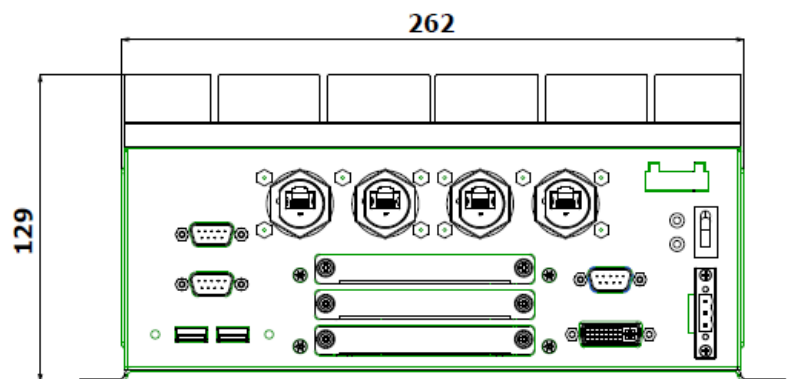
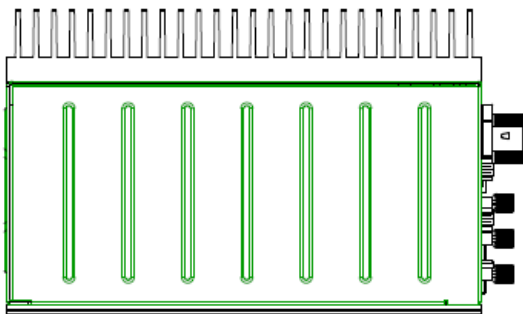
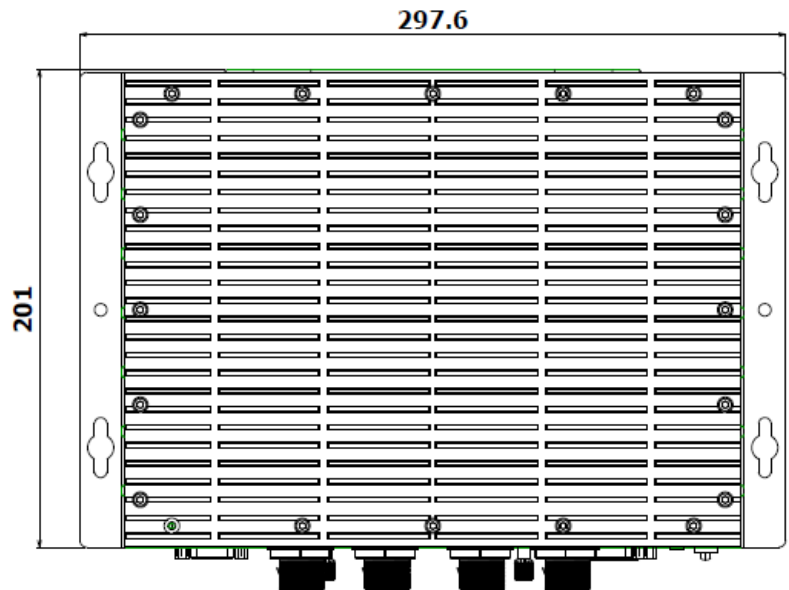
Ordering information

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

