

# PER361A

INTEL 6TH GEN. SKYLAKE®  
CORE™ I7-6600U PROCESSOR  
FANLESS SYSTEM



- MIL-STD 810G COMPLIANCE
- 6TH GENERATION INTEL® CORE™ I7-6600U PROCESSOR
- 2 X DDR4 SO-DIMM UP TO 32GB RAM
- 4 X INTEL® GIGABIT ETHERNET
- 6 X USB, 1 X COM PORT
- 2 X CANBUS PORT (OPTIONAL)
- 9V TO 36V DC-IN
- OPERATING TEMP. -40~60°C

## SPECIFICATIONS

SPECIFICATIONS	
High Performance Processor	Intel® 6th Gen Core™ i7-6600U (Frequency 2.6GHz, Turbo Boost up to 3.4GHz), Dual-Core, 4 Thread Support, 4MB SmartCache
Memory	2 x DDR4 SO-DIMM up to 32GB
Chipset	Intel® Processor Integrated
STORAGE	
2.5" HDD/SSD	1 x 2.5" Easy swap HDD/SSD Tray
ETHERNET	
Ethernet	2 x Intel Gigabit Ethernet LAN 4 x Intel Gigabit Ethernet LAN (Optional)
FRONT I/O	
Power Button	1
Power LED	1
HDD LED	1
USB Port	2 x USB2.0
REAR I/O	
DisplayPort	2 x DisplayPort
Ethernet	2 x RJ45 Gigabit Ethernet LAN 4 x Intel Gigabit Ethernet LAN (Optional)
Serial Port	1 x RS232
CAN bus	2 x DB9 connector (Optional)
USB Port	4 x USB3.0 standard-A connectors
DC-IN	4P Rugged Terminal connector
Antenna Hole	2 x SMA antenna hole

APPLICATIONS, OPERATING SYSTEM	
Applications	Commercial and Military Platforms Requiring Compliance to MIL-STD-810G Embedded Computing, Process Control, Intelligent Automation and manufacturing applications where Harsh Temperature, Shock, Vibration, Altitude, Dust and EMI Conditions. Used in all aspects of the military.
Operating System	Windows 10 Ubuntu14.04, Ubuntu 16.04, Fedora 24
PHYSICAL	
Dimension (W x D x H)	200 x 136.4 x 85.3mm
Weight	TBC
Chassis	Aluminum Alloy, Corrosion Resistant.
Finish	Anodic aluminum oxide (Color Iron gray)
Cooling	Natural Passive Convection/Conduction, No Moving Parts.
Operating Temp.	-40 ~ +60°C
Storage Temp.	-40 ~ +85°C
ENVIRONMENTAL	
MIL-STD-810G Test	Method 507.5, Procedure II (Temperature & Humidity) Method 501.5, Procedure I (Storage/High Temperature) Method 501.5, Procedure II (Operation/High Temperature) Method 502.5, Procedure I (Storage/Low Temperature) Method 502.5, Procedure II (Operation/Low Temperature) Method 503.5, Procedure I (Temperature shock)
Reliability	No Moving Parts Passive Cooling
EMC	CE and FCC compliance
Green Product	RoHS, WEEE compliance

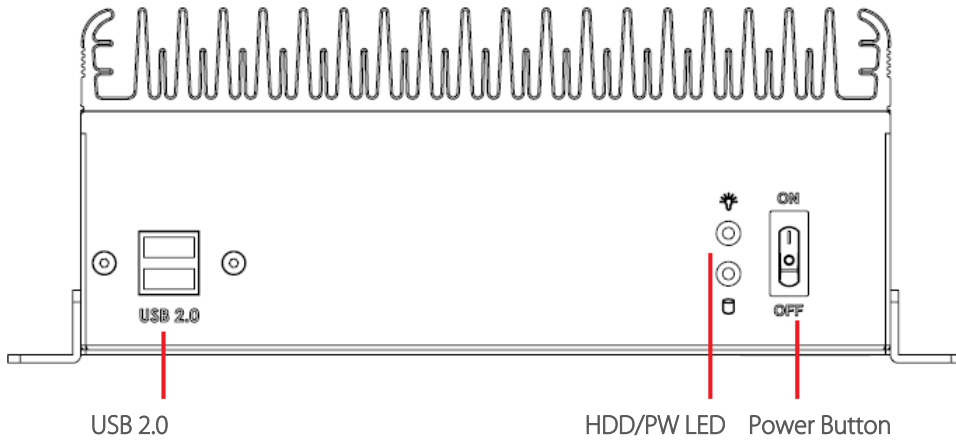
**ORDERING INFORMATION**

**PER361A-I7**

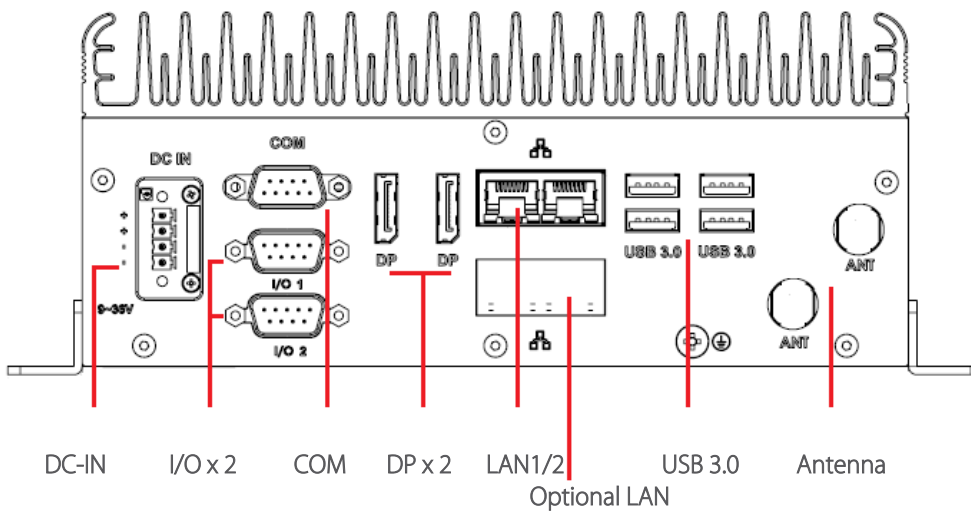
**MIL-STD-810G RUGGED COMPUTER WITH INTEL® CORE™ I7-6600U, 4 X INTEL GBE, 2 X DISPLAYPORT, 1 X COM, 6 X USB, 9V TO 36V DC-IN, EXTENDED TEMP -40 TO 60°C**

**APPEARANCE**

Front I/O



Rear I/O



**DIMENSIONS**

