TRENTON SYSTEMS
Rugged Computers

PCIE GEN 3
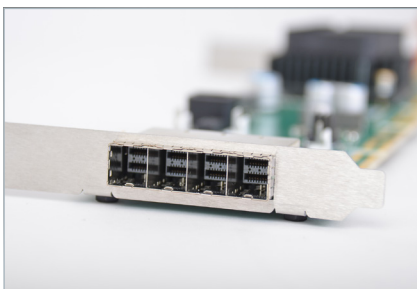### Expansion Kit

5 year WARRANTY

MADE IN THE USA

FAST, LOCAL PCIE CONNECTION FROM HOST TO TARGET

Expand your PCIe capabilities with the most reliable PCIe Expansion on the market
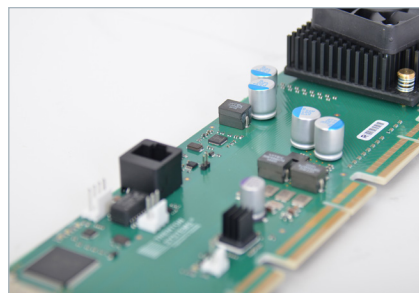
Expand as far as your application demands it
Plug the Trenton Rugged™ PCIe Expansion kit into any of your existing PCIe slots and expand using our PCIe Backplanes that offer up to 18 additional slots at Gen3 speeds!

PRODUCT DETAILS

96 Total Lanes
16 lanes upstream to the host and 80 lanes down to the PCIe Backplane for an unmatched PCIe slot offering.

1GbE Interface
1Gb Ethernet interface for management. Internal RJ45 with remotable Link/ACT & Speed LEDs.

Low Power, Low Profile
You can even use this low profile PCIe Expansion card in a 2U rugged server.

Model Number

PED8234

Form Factor

PCIe Half Card

Connectors

SFF-8644 Cable Input Receptacle
PCIe x16 Edge Connector
4 - x4 mini-SAS cables

Switch

PLX 8796

Power

600-3800W Power Supply

PCB

- PCI Express add-in card standard
- PCIe x16 cable
- PCB thickness .092
- Mounting holes for face plate

Bracket

Low profile bracket

Industry Specifications

• PCIe External Cabling Specification, Rev. 3.0
• PCI Express® Card Electromechanical Specification, Rev. 3.0
• PCI Express® Base Specification, Rev. 3.0

Agency Compliance

FCC
RoHS

Environmentals

Operating Temperature: 0°C - 70°C
Storage Temperature: -40°C - 85°C
Operating Humidity: 10% to 90% non-condensing
Storage Humidity: 5% - 90% non-condensing

Dimensions

13.35" (L) x 2.83" (H)
33.9 cm (L) x 7.2 cm (H)