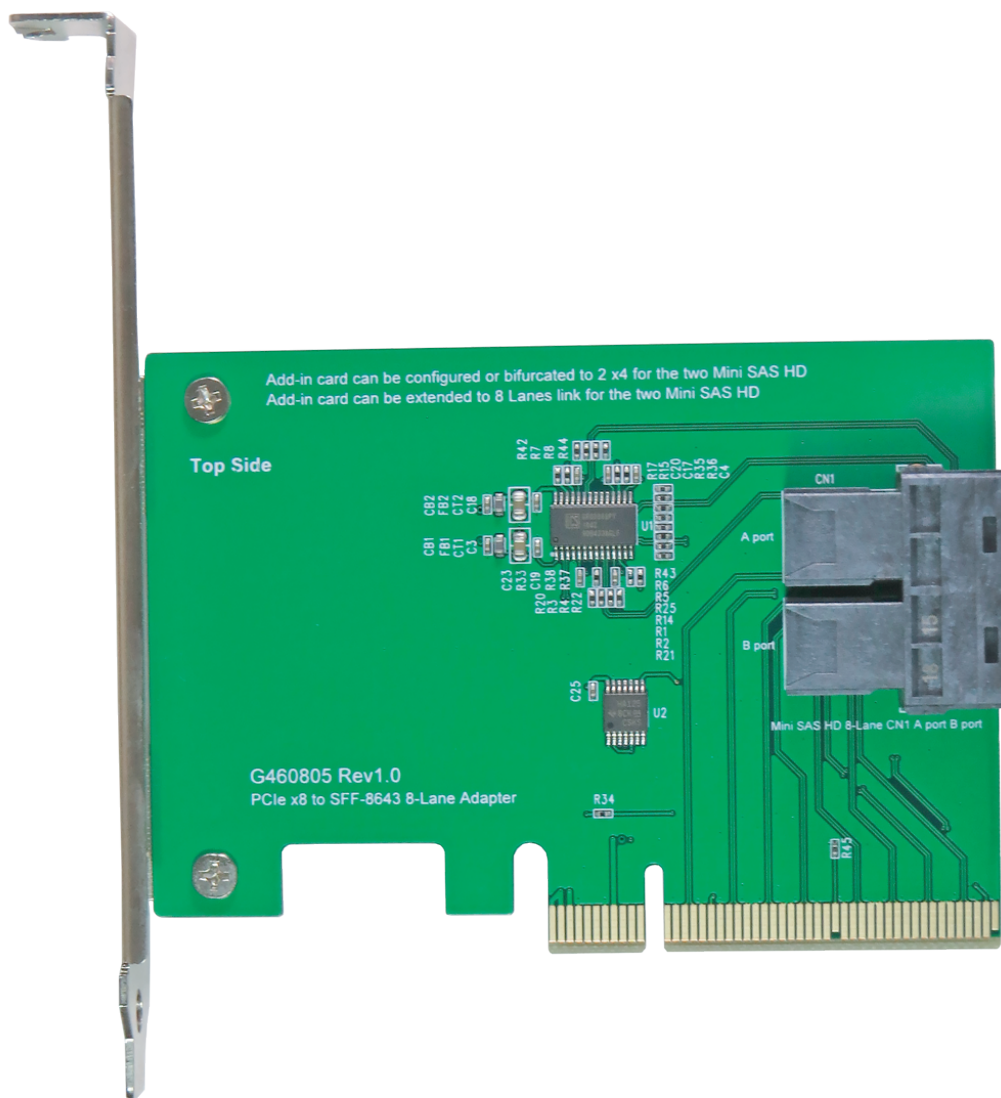


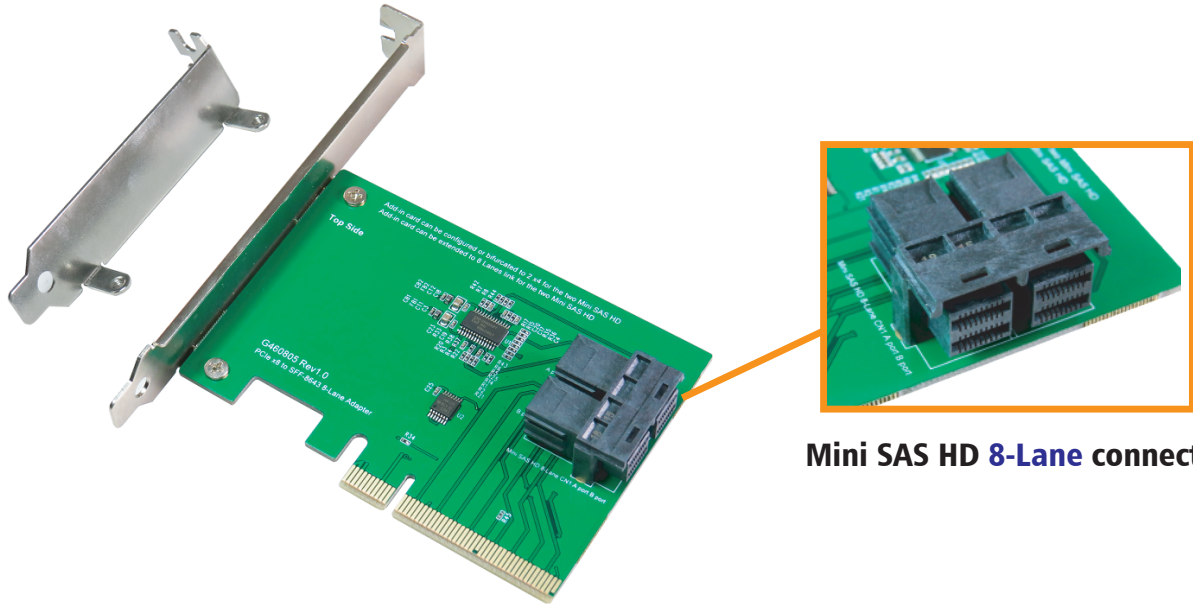
Innocard Minerva

PE0803

PCIe Gen3 8-Lane to Mini SAS HD (SFF-8643) dual-port Adapter



PCIe Gen3 8-Lane to Mini SAS HD (SFF-8643) dual-port Adapter



Mini SAS HD 8-Lane connector

Features

- ※ PE0803 can be offered in two x4(need CPU and BIOS both support) and x8 configurations
- ※ PE0803 features two internal NVMe(SFF-8643) for high-performance storage connectivity.
- ※ Build in 8x Mini SAS SFF-8643 connector 1 sets, pin-out defined by PCIe
- ※ Dual-port PCIe Gen 3 NVMe controller
- ※ Four internal lanes per Mini SAS HD port, 3.2B/s per port
- ※ Supports two physical NVMEe devices
- ※ Supports SFF-9402 clock pin out
- ※ Support Intel Define Mini SAS HD SFF-8643 clock pin out
- ※ Supports SFF-9402 perst# pin out
- ※ Supports Intel Define Mini SAS HD SFF-8643 perst# pin out
- ※ Enables the system perst# signal to be used over longer trace lengths and over a cable

Specifications

- ※ Compliant with NVM Express 1.2a
- ※ Support PCI Express Base Specification Rev 3.0
- ※ Support SSD_Form_Factor_Version1_a
- ※ Compliant with SFF-8643 Specification Version 3.5

Operating system support:

- ※ VMware
- ※ Linux
- ※ Windows 8 & 8.1
- ※ Windows 10
- ※ UEFI 2.3.1 or later

Application

- ※ Servers
- ※ HBA(Host Bus Adapter)
- ※ Data Center
- ※ Storage Racks
- ※ Storage Controller
- ※ Servers RAIDs(Redundant Array of Independent Disks)
- ※ Routers
- ※ Switches