PE0804

PCIe Gen3 8-lane to Slimline SAS (SFF-8654) 8i Add-in Card(AIC)

※ PCIe Single-width, passive riser/slot saver installs in standard PCIe slot and
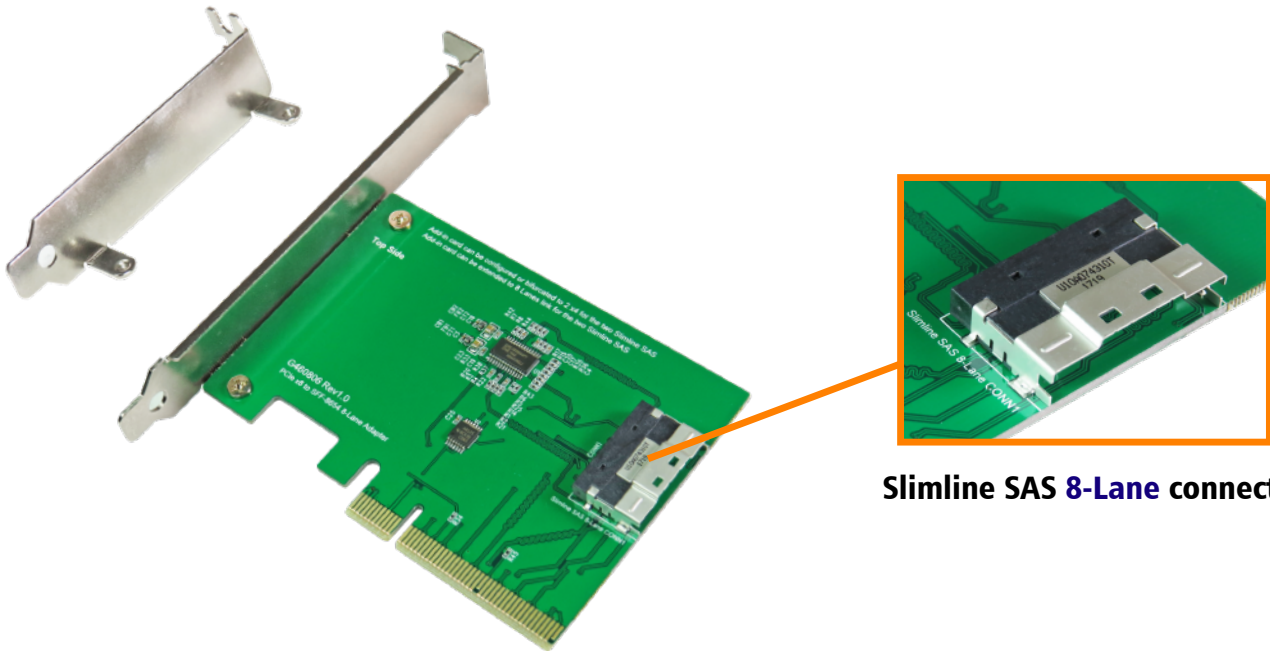supports x1, x4, x8 signals add-in card.

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Slimline SAS 8-Lane connector

Features

※ PE0804 can be offered in two x4(need CPU and BIOS both support) or can be extended x8 data width configurations.

※ PE0804 features one internal Slimline SAS connector(SFF-8654 8i) for high-perfoemace storage connectivity.

※ Build in SFF-8654 8i Slimline SAS connector, pin-out defined by PCIe

※ Dual-port PCIe Gen 3 NVMe controller

※ Eight internal lanes for SFF-8654 8i, 6.4GB/s

※ Supports two physical NVMe devices

※ Supports SFF-9402 clock & perst# pin out

※ Support Intel Define Slimline SAS SFF-8654 clock & 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-8654 Specification Version 1.2

Operating system support:

※ Vmware
※ Linux
※ Windows Series OS
※ 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
※ Switchs