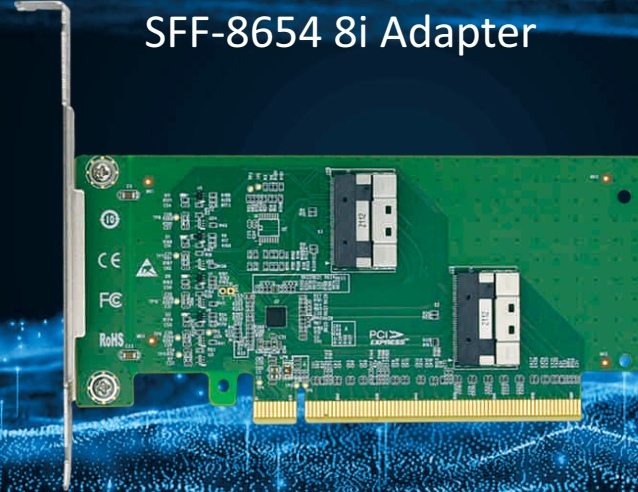


PCI Express 4.0 x16 to Two SlimSAS SFF-8654 8i Adapter



Product Description

LRNV9F14 is a high performance, low dielectric loss factor interface conversion card designed for PCIe 4.0 U.2 SSD. It connects NVMe SSD or PCIe connectors via SlimSAS connector (SFF-8654). The bandwidth of the card is the bandwidth that the PCIe slot of the motherboard can support.

The Motherboard with CPU and BIOS needs to support bifurcation to ensure PCIe x16 link width to bifurcate two x8 link width or four x4 link width for NVMe SSD, Otherwise this card can only support PCIe x16 link width.

Specifications

- PCI Express Base Specification, r4.0, compatible PCIe 1.0&2.0&3.0
- Compliant with SFF-8654 Specification Version 1.2
- Compliant with NVMe Express 1.3
- Support up to 4 NVMe SSDs

Applications

Suitable for higher performance of PCIe Gen 4 connectors for Storage Servers, Data Center, Servers RAIDs and Controllers.

Functional Characteristics

- Directly connected to PCIe 4.0 U.2 NVMe SSD by SFF-8654 8i to 2x SFF-8639 cable
- Support bifurcated in quad x4 data link width configuration (CPU and BIOS both support)
- Support bifurcated in two x8 data link width configuration (CPU and BIOS both support)
- Built in SlimSAS(SFF-8654) 8i connector 2 sets, pin-out defined by SFF-9402 for high-performance storage connectivity
- PCIe Standard Full-profile bracket pre-installed and also a low-profile bracket for small form factor computer.

Operating System Support

- The adapter does not require a driver for operation or communication to attached NVMe drives. The drives are presented natively to the host and use the native NVMe drivers.
- Redhat
- Free BSD
- VMware
- Linux
- Windows

Technical Specifications

HARDWARE

Model	LRNV9F14
Number of Drives	4 internal
Bus Type	PCI Express
Compatible Device Type	U.2 (PCIe_NVMe SSD, SFF-8639)
Interface	Slim SAS SFF-8654 8i

CONNECTOR(S)

Drive Connectors	2*SFF-8654(74 Pin, x8 PCIe Gen 4)
Host Bus Type	PCI Express x16

Optional Accessories

Optional Cables	Slim SAS 8i to 2x SFF-8639 Cable
	Slim SAS 8i to Slim SAS 8i Cable
	Slim SAS 8i to 2x Slim SAS 4i Cable

ENVIRONMENTAL

Humidity	15% ~ 90%
Operating Temperature	5°C to 50°C (41°F to 122°F)
Storage Temperature	-25°C to 70°C (-13°F to 158°F)

PHYSICAL CHARACTERISTICS

Dimension	146.5mm*67.9mm
Product Weight	102.5g

HARDWARE WARRANTY

Warranty	2 Years
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PACKAGING INFORMATION

Shipping (Package) Weight	5.37 oz [152.5 g]
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WHAT'S IN THE BOX

Included in Package	1 - PCI Express 4.0 x16 to Two SlimSAS SFF-8654 8i Adapter
	1 - full-height bracket (installed)
	1 - low-profile bracket
	2 - Bracket screws

* Product appearance and specifications are subject to change without notice.

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