StarTech.com
Hard-to-find made easy®

Data Sheet

U.2 to PCIe Adapter for 2.5" U.2 NVMe SSD - SFF-8639 - x4 PCI Express 3.0

Product ID: PEX4SFF8639



Get ultra-fast data access by adding an NVMe U.2 SSD to your computer. This U.2 to PCIe adapter lets you add a high-speed, U.2 (4-lane PCIe) 2.5" NVMe SSD, such as the Intel® 750 Series drive, to a PC with an available x4 PCI Express expansion slot.

You can mount the PCIe U.2 drive directly onto the adapter, giving you an easy and convenient way to improve your system performance and expand overall internal storage.

Boost your system speed and performance

The expansion card lets you take full advantage of the fast performance and compact size of PCIe U.2 internal solid-state drives. The adapter connects directly to your computer motherboard to support an NVMe U.2 PCIe-based SSD through ultra-fast x4 PCIe. With the U.2 PCIe-based drive in place, the adapter gives your computer a significant speed boost.

Easy to install

The expansion card is equipped with a full-profile bracket and doesn't require an adapter cable for installation, this helps to reduce clutter and simplifies system builds. The drive connects directly to the SFF-8639 connector on the adapter, and the adapter connects directly to the computer motherboard.

The adapter is compatible with PCIe 3.0 motherboards and is also backward compatible with PCIe 2.0 and PCIe 1.0.

The PEX4SFF8639 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Upgrade your data-center or enterprise-level applications with U.2 NVMe SSD capability
- Utilize the advanced performance of a PCIe U.2 NVMe 2.5 in. SSD for intensive data workloads
- Work with large files more efficiently for audio/video production and editing
- Enhance productivity for data-heavy applications, ideal for developers and content creators

Features

- Boost system speed and performance by adding a PCIe NVMe U.2 SSD to your PC
- Simplify system builds with a U.2 to PCIe adapter that mounts your SSD directly to the adapter, with no need for adapter cables
- PCI Express 3.0 x4 lane host adapter
- Compatible with x4 PCIe 3.0 motherboards, and backward compatible with PCIe 2.0 and PCIe 1.0
- OS independent with no drivers required, for a fast, hassle-free setup

	Warranty	2 Years
Hardware	Bus Type	PCI Express
	Compatible Drive Types	U.2 (SFF-8639, x4 PCIe, NVMe)
	Drive Installation	Fixed
	Drive Size	2.5in
	Fan(s)	No
	Interface	PCI Express
	Number of Drives	1
	Supported Drive Height(s)	15mm
		12.5mm
		9.5mm
		7mm
		5mm
Performance	Hot Swap Capability	No
Connector(s)	Drive Connectors	1 - U.2 (SFF-8639, x4 PCIe, NVMe)
	Host Connectors	1 - PCI Express x4 Male
Software	OS Compatibility	OS independent; No software or drivers required
Indicators	LED Indicators	1 - Activity Terminal/Header
Environmental	Humidity	15% ~ 90% RH
	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	Color	Red
	Product Height	0.9 in [22 mm]
	Product Length	6.5 in [165 mm]
	Product Weight	2.3 oz [65 g]
	Product Width	4.8 in [122 mm]
Packaging Information	Shipping (Package) Weight	5.7 oz [161 g]
What's in the Box	Included in Package	1 - drive adapter card
		4 - drive-mounting screws
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.