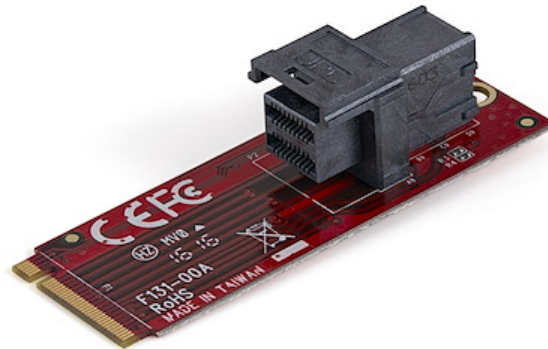U.2 (SFF-8643) to M.2 PCI Express 4.0 x4 Host Adapter Card for 2.5" U.2 NVMe SSD - TAA

Product ID: M2E4SFF8643

This PCI Express U.2 to M.2 adapter makes it easy to install a high-performance U.2 PCIe-NVMe SSD into your desktop PC or server and connect the drive through an M.2 PCIe x4 slot on your motherboard. By creating compatibility with newer U.2 NVMe SSDs, such as the Intel SSD 750 series, this enterprise-class drive adapter enables you to gain faster read/write speeds and higher productivity levels for data-intensive applications.

This drive adapter card lets you optimize your system performance by harnessing the increased speed and low latency of a U.2 PCIe-NVMe SSD (compared to regular platter drives), by adding a U.2 interface to your system.

The U.2 to M.2 adapter is ideal for IT professionals, system integrators and installers, and enthusiasts who are building or upgrading a server or desktop computer. It's a cost-effective alternative that delivers the superior performance of newer U.2 NVMe SSDs, without the expense of replacing the system motherboard for the sake of compatibility.

The U.2 to M.2 adapter works with all desktop PCs and servers that have an M.2 PCIe x4 host interface. The adapter card is OS independent, so there are no drivers or software required for installation.

The M2E4SFF8643 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Ideal for IT professionals, system integrators and installers, and enthusiasts who are building or upgrading a computer or server solution

• Provides an easy and economical upgrade solution for systems that already have an available SSD/HDD mounting bay and an M.2 PCIe x4 connection

Features

• Boost system performance by adding an enterprise-class U.2 PCIe NVMe SSD to your PC or server

• Adapter supports one U.2 PCIe SSD (NVMe and AHCI), with a Mini-SAS HD SFF-8643 connector

• M.2 PCIe x4 host interface; Supports PCIe 4.0 and is backwards compatible with earlier PCIe revisions

• Compatible with current PCIe standards and backward compatible with earlier releases

• Fast and easy setup with native OS support

Hardware

	Warranty	2 Years
	Interface	M.2 PCIe (x4 PCIe)
	Bus Type	PCI Express
	Number of Drives	1
	Compatible Drive Types	U.2 (PCIe, NVMe, SFF-8643)
	Drive Installation	Fixed

Performance

	Hardware Raid Supported	No

Connector(s)

	Drive Connectors	1 - SFF-8643 (36 pin, x4 PCIe Gen 4)
	Host Connectors	1 - M.2 (PCIe, M-Key, AHCI/NVMe, NGFF)

Software

	OS Compatibility	OS independent; No software or drivers required

Environmental

	Operating Temperature	0C to 55C (32F to 131F)

	Storage Temperature	-40C to 85C (-40F to 185F)
	Humidity	15% ~ 90% RH

Physical Characteristics

	Color	Red
	Product Length	2.5 in [63 mm]
	Product Width	0.8 in [2.1 cm]
	Product Height	0.6 in [1.5 cm]
	Weight of Product	0.3 oz [8 g]

Packaging Information

	Package Quantity	1
	Package Length	6.7 in [17.0 cm]
	Package Width	5.7 in [14.4 cm]
	Package Height	1.3 in [3.2 cm]
	Shipping (Package) Weight	2.5 oz [72.0 g]

What's in the Box

	Included in Package	1 - drive adapter card
		1 - adapter-mounting screw
		1 - quick-start guide

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