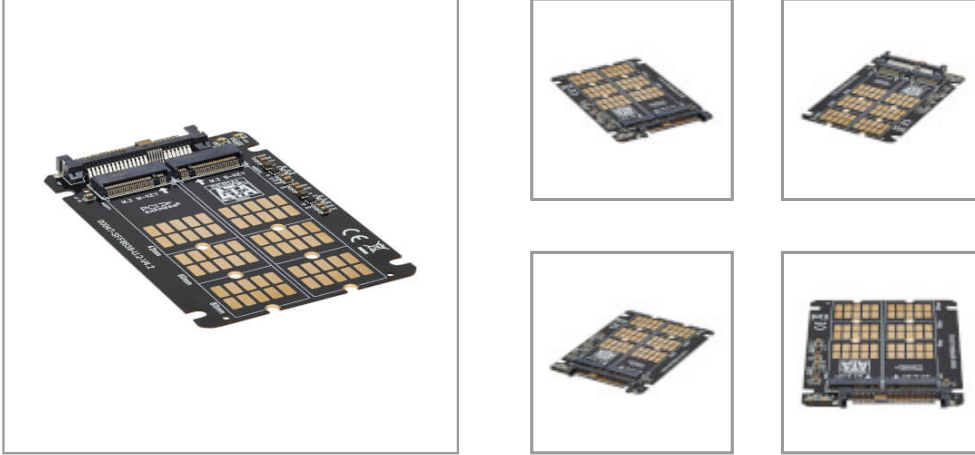# U.2 to M.2 Adapter for M.2 PCIe NVMe SSD, SFF-8639

MODEL NUMBER: **P970-U2M2**

Mounts an M.2 NVMe SSD inside your PC or server to increase data transfer speed and internal storage.

Features

Improves Your Computer's or Server's Performance and Storage Capabilities
This U.2 to M.2 adapter connects a B+M Key SATA M.2 SSD or M-Key NVMe M.2 SSD (2242, 2260 or 2280 size) to your computer's or server's U.2 (SFF-8639) compatible host interface on the motherboard. This conversion lets you add terabytes (TB) of internal storage space and enhance your PC's read/write speeds. The adapter is compatible with PCI Express (PCIe) 3.0 motherboards. It is also backward compatible with earlier 2.0 and 1.0 versions.

Add an Optional Adapter for Expanded Functionality
The P970-U2M2 adapter card is compatible with PCE-U2-PX4 U.2 to PCIe adapter (sold separately) to convert the PCIe port into an M.2 SSD module. The P970-U2M2 easily slots into place in the PCE-U2-PX4 to effortlessly expand the storage capabilities of a computer that only has a PCIe port on its motherboard.

Just Plug and Play with No External Power Needed
The adapter is compatible with Windows (7 and higher) and macOS (High Sierra and higher). No additional software is needed. The hub-powered adapter also requires no external power.

Highlights

- Supports B+M Key SATA and M-Key NVMe M.2 SSDs in 2242, 2260 and 2280 sizes
- Connects to your PC via U.2 (SFF-8639) compatible interface on motherboard
- Compatible with PCE-U2-PX4 to assemble NVMe M.2 SSD into PCIe port
- Works with PCIe 3.0 motherboards; backward compatible with 2.0 and 1.0
- Plug-and-play operation with no external power required for easy installation

System Requirements

- Computer with available U.2 port on its motherboard
- M.2 modules like B+M Key SATA M.2 SSD and M-Key NVMe M.2 SSD (2242, 2260 and 2280 SSD sizes) when combined with PCE-U2-PX4
- Windows 7 and above or macOS High Sierra and above

Package Includes

- P970-U2M2 U.2 to M.2 Adapter
- SSD mounting hardware
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332279521
Drives Supported	B-Key, B+M Key, M-Key (NVMe) M.2 SSD: 2242, 2260, 2280
Device Compatibility	Computer
Technology	PCIe; SATA/eSATA
INPUT	

Bus Powered	Yes
PHYSICAL	
Color	Black
Unit Dimensions (hwd / in.)	3.900 x 2.600 x 0.220
Unit Dimensions (hwd / cm)	9.9 x 6.6 x 0.55
Unit Dimensions (hwd / mm)	3.9 x 2.6 x 0.22
ENVIRONMENTAL	
Operating Temperature Range	50° to 158°F (10° to 70°C)
Storage Temperature Range	32° to 149°F (0° to 65°C)
Relative Humidity	10% to 80% RH
CONNECTIONS	
Number of Ports	2
FEATURES & SPECIFICATIONS	
SATA Version	SATA I (1.5 Gbps); SATA II (3 Gbps); SATA III (6 Gbps)
STANDARDS & COMPLIANCE	
Product Certifications	EN 55032
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty