

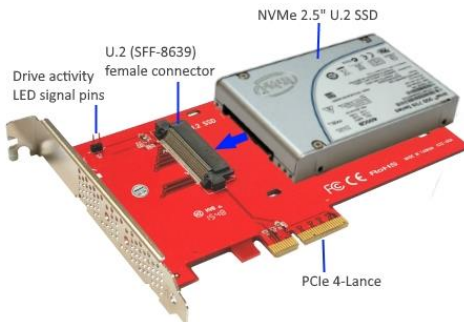
INTRODUCTION

This PCIe adapter is designed to ensure the high performance 2.5" NVMe U.2 SSD to realize the full READ/WRITE speed by directly connecting the SSD to a 4-lane PCIe 3.0 slot. There is no software driver to install for this adapter. It is simple economical solution to install the 2.5" NVMe U.2 SSD onto most Desktop system or server equipment

For more detail of the NVMe 2.5" U.2 SSD. please visit the following link <http://www.nvmexpress.org/>



Detail of the NVMe 2.5" U.2 SSD adapter



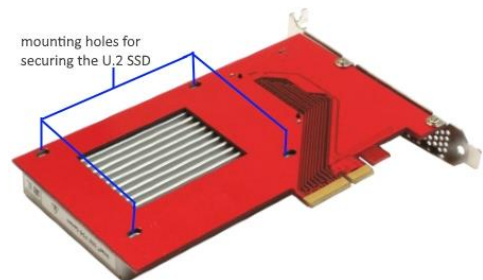
Detail view of the U.2 connector (SFF-8639) on the NVMe 2.5" U.2 SSD



Top view of the 2.5" U.2 NVMe SSD installed onto the adapter



Backside view of the 2.5" U.2 NVMe SSD installed onto the adapter



Note: the Intel 2.5" U.2 SSD is for illustration purpose and is not part of the product

FEATURES

- Connect 2.5" NVMe U.2 (SFF-8639) SSD directly to a PCIe 4-lane slot
- Maximum performance*:
 - PCIe 3.0 4-lane - 40 Gbps
 - PCIe 2.0 4-lane - 20 Gbps
- Installable in standard height Desktop or Server system
- Replace any SATA hard drive in Desktop or server equipment with a low power, shock resistant and high performance NVMe SSD
- The 2.5" NVMe U.2 SSD can be the primary bootable device containing the OS and applications (requires support in the system BIOS)
- Industrial operating temperature: **-40 °C to + 85 °C**
- OS requirement*:
 - Windows 10 - native driver built-in, no additional driver required
 - Windows 7 and Windows Server 2008 R2 require following update from Microsoft™ (<https://support.microsoft.com/en-us/kb/2990941>)
 - All other OS, please see more information at the following web page https://en.wikipedia.org/wiki/NVM_Express.

***Note:**

1. For maximum performance, your system need to have PCIe 3.0 slot.
2. BIOS in some older system may not support NVMe Express. System with UEFI BIOS may be required. Please verify with your system manufacturer to confirm the support of NVMe Express in the PCIe slot.
3. Software driver is required for installing 2.5" NVMe U.2 SSD. You may contact the SSD manufacturer web site to download the necessary driver for your OS

SPECIFICATIONS

- PCIe 3.0 4-lane adapter
- Compatible with PCIe 3.0 or 2.0 slot
- 68-pin SFF-8639 interface connector on board
- Mounting holes to secure the 2.5" NVMe U.2 SSD
- Power from PCIe slot
- Industrial operating Temperature: -40 °C to + 85 °C
- Operating Humidity: 5% - 95% (non condensing)
- Storage Temperature: -40 °C to + 85 °C
- Storage Humidity: 5% - 95%
- Warranty: One Year