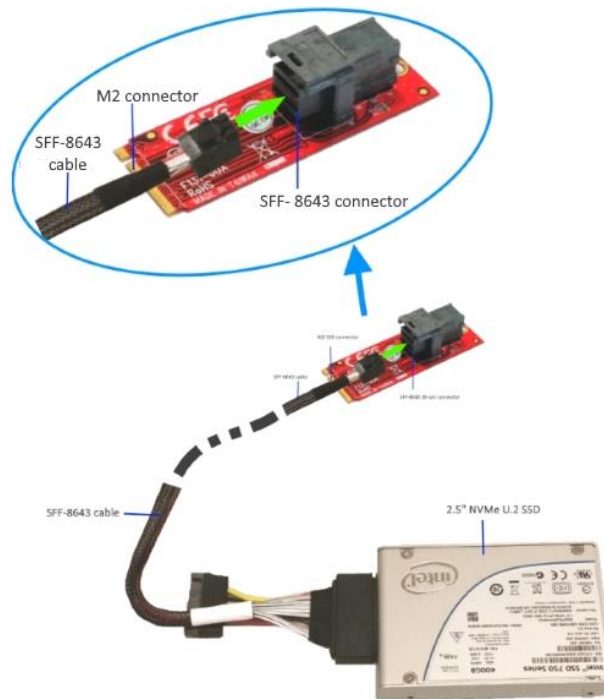


### INTRODUCTION

This M2 SFF-8643 converter turns the connector for a M2 PCIe SSD into a 36-pin SFF-8643 connector. This allows connecting the high performance 2.5" NVMe U.2 (SFF-8639) SSD to system via a SFF-8643 cable. It is a simple and economical solution for system that already has the M2 PCIe SSD sockets on board or on one of Addonics M2 PCIe SSD adapter.

**Illustration of connecting a 2.5" NVMe U.2 SSD to this adapter via a SFF-8643 cable.**



Following diagrams illustrate the installation of the M2 SFF-8643 converter onto various Addonics M2 PCIe SSD adapters

M2 SFF-8643 converter installed onto ADM2PX4



M2 SFF-8643 converter installed onto AD2M2S-PX4



M2 SFF-8643 converter installed onto ADM2NVMPX4



### FEATURES

- Convert M2 PCIe SSD connection\* to SFF-8643 connection
- Connect 2.5" NVMe U.2 (SFF-8639) SSD to M2 connector via SFF-8643 cable
- No drivers required for this converter
- OS requirement for NVMe SSD: Windows 10, Windows 7 and Windows server 2008 R2
  - Windows 10 - no 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](https://en.wikipedia.org/wiki/NVM_Express)

\* M2 PCIe SSD and M2 SATA SSD use the same type of connectors. The adapter is designed to work on only on M2 connectors that are designed for M2 PCIe SSD

#### Note:

NVMe SSD installation:

1. 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.
2. 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

- Connectors on board
  - M2 SSD connector
  - SFF-8643 connector
- Dimension (L x W x H): ~ 63 x 22 x 16 mm. (2.48 x 0.87 x 0.63 in.)
- Weight: ~ 8 gm (0.28 oz.)
- Operating temperature / relative humidity: - 40 °C - 80 °C / 5 - 95% RH (non-condensing)
- Storage temperature / Relative humidity: - 40 °C - 85 °C / 0 - 90% RH (non-condensing)
- RoHS compliant