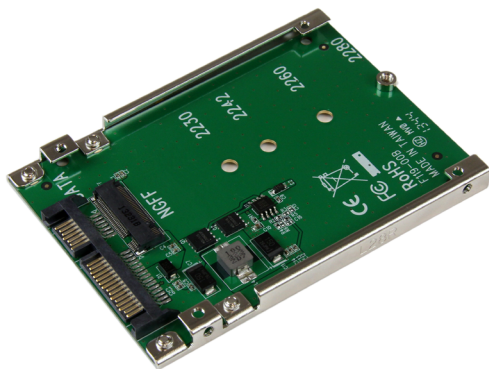# StarTech.com

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M.2 NGFF SSD to 2.5in SATA SSD Converter

SAT32M225

*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

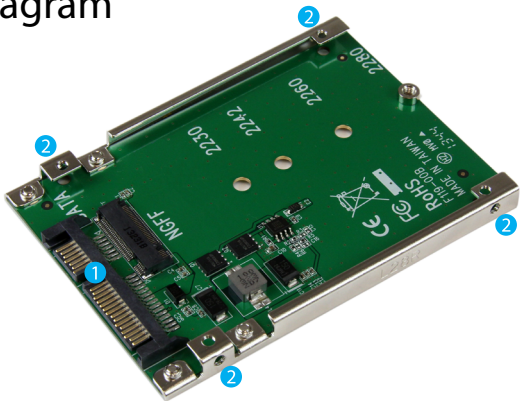## Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

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Table of Contents
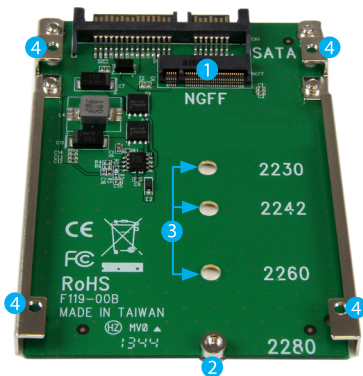
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Product Diagram

Front View

1. SATA DATA & Power Combo (7+15 pin)
2. Side mounting holes

Rear View

1. M.2 (NGFF) SSD Connector
2. Drive installation bracket
3. Drive length adjustment holes
4. Top mounting holes

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Introduction

Packaging Contents

- 1 x M.2 NGFF SSD to 2.5in SATA SSD Converter

- 1 x Mounting screw kit

- 1 x Installation manual

System Requirements

- M.2 NGFF Drive

- SATA Host Device
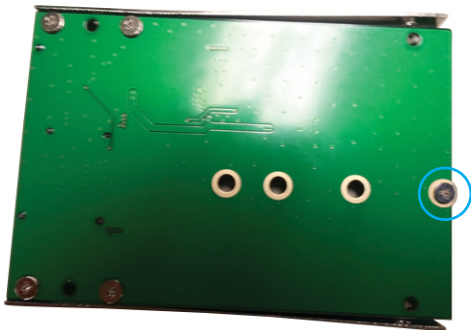
M.2 NGFF SSD Installation

WARNING! SSD Drives and storage adapters require careful handling. If you are not careful with your SSD Drive, lost data may result. Always handle your drive with caution. Be sure that you are properly grounded by wearing an anti-static strap when handling computer components or discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

1. Determine if the drive installation bracket requires relocating by assessing your drive length. The board is labeled with the respective drive types for length but if your drive type is unknown,place your SSD next to the M.2 (NGFF) SSD connector, note which drive installation hole matches the height of your SSD. If the bracket is already installed in the correct position please proceed to step 4.
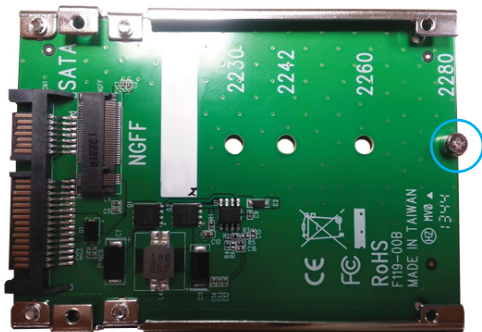
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2. **(Only required if the drive installation bracket requires relocating)** Remove the screw holding the bracket in place on the reverse side using a Philips head screw driver (Not included).
Note: There are screws located on either side of the bracket, ensure the reverse screw is the one removed, see photo below.

3. **(Only required if the drive installation bracket requires relocating)** Reseat the drive installation bracket in the drive installation hole that matches your SSD. Replace the removed screw on the reverse side by driving it into place using a phillips head screw driver.

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4. Using a Phillips head screw driver (not included). Remove the screw located in the front of the hard drive installation bracket.
   Note: There are screws located on either side of the bracket, ensure the front screw is the one removed, see photo below.

5. Slide the M.2 connector on the SSD into the M.2 receprical connector on the SAT32M225.
   Note: The connector on your M.2 SSD is keyed so the drive will only fit one way.

6. Press the drive down toward the drive mounting bracket, and drive the removed screw through the mounting hole on your SSD drive and into the drive mounting bracket using a Philips head screw driver.
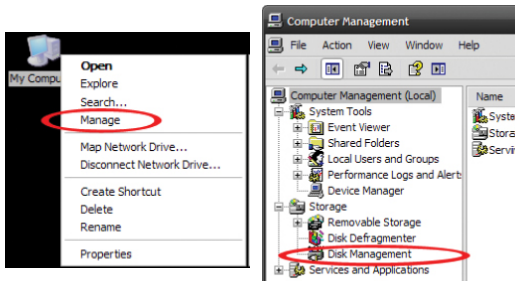
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7. The SSD has now been installed, and is ready to be implemented in your 2.5" SATA drive application.

   Refer to the manual for your SATA host device for installation instructions. The top or side mounting holes and included screw kit may or may not be required to assist in your installation.
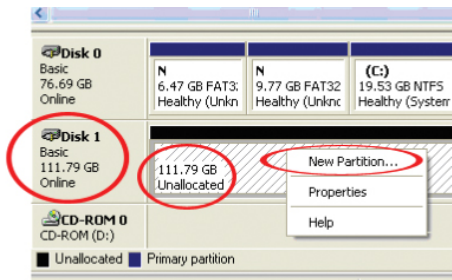
Hard Drive Initialization

If the M.2 SSD is new or otherwise blank, it may need to be initialized and formatted before use. Follow the steps below in a Windows interface to initialize the drive.

1. From the main Windows desktop, right-click on "My Computer" ("Computer" in Vista/ 7 / 8), then select Manage. In the new Computer Management window, select Disk Management from the left window panel.

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2. A dialog window should automatically appear, asking you to initialize the drive. Depending on the version of Windows, it will give you the option of either creating an "MBR" or "GPT" disk. GPT (GUID partition) is not compatible with some older operating systems, while MBR is supported by newer and older operating systems.

3. Once initialized, locate the Disk that says it is "Unallocated" (check the listed hard drive capacity to confirm it's the correct hard drive) and then right-click in the section that says "Unallocated" and select "New Partition".

4. Follow the on screen prompts to initialize the drive in the format of your choice.

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