HighPoint
Technologies, Inc.

SSD7103

4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller

Quick Installation Guide
V1.00

System Requirements

PC Requirements

- System with an empty x16 PCIe 3.0 slot
  (Please refer to the SSD7103 compatibility list.)
- Windows 10 and Windows Sever 2016 or later
- Linux kernel 3.10 or later

SSD7103 Hardware

Front View

NVMe Drive Installation:

Step 1. On the rear of the SSD7103, remove the six screws that secure the unit's front panel to the PCB.

After removing the screws, carefully remove the front panel from the SSD7103.

Step 2. These 4 screws are used to install the NVMe SSD's.

Step 3. The SSDs should be installed from top to bottom. Remove the top screw.

Step 4. Gently insert the SSD into the slot.

Step 5. Refasten the screw to secure the SSD.

Repeat Steps 3 to 5 to install the remaining SSDs.

Take four Samsung SSD 960 EVO as an example. SSD7103 installs all SSDs and the connected port numbers as shown below.

Step 6. Replace the front panel after installing all SSDs
Step 7. On the rear of the SSD7103, refasten the 6 screws that were removed in step 1.
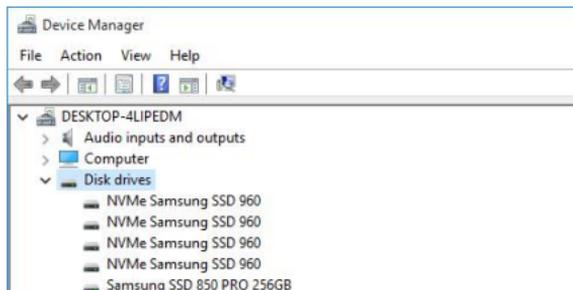
Setting up the SSD7103 for a Windows operating system

1. Verifying Installation

    After booting Windows, open **Device Manager**, and expand **Disk drives**.
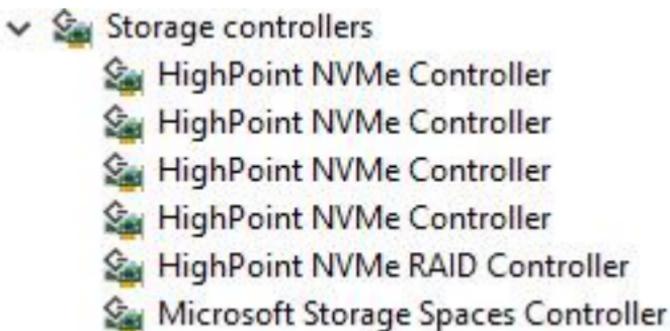   The installed NVMe SSD should be displayed:
    Take four Samsung SSD 960 EVO as an example：

2. Driver Installation
    1) Download the Windows driver package from the HighPoint website:
       http://highpoint-tech.com/USA_new/series-ssd7103-download.htm
    2) Once downloaded, locate the folder you downloaded the driver to.
       Extract the driver package and double click the **setup.exe** file to start
       the driver installation.
    3) Follow the wizard and reboot system to complete the driver
       installation.
    4) Rebooting. A **HighPoint NVME RAID Controller** and **four
       HighPoint NVMe Controller** entry should be displayed under
       Storage Controllers:
       Take four Samsung SSD 960 EVO as an example：

3. Installing the HighPoint RAID Management

    The HighPoint RAID Management is used to configure and monitor the SSD7103 drive. Download the HighPoint RAID Management software package from the HighPoint website:

    http://highpoint-tech.com/USA_new/series-ssd7103-download.htm

    1) Extract the package and double-click the HighPoint RAID Management program to install the software.
    2) The HighPoint RAID Management will configure the SSD7103 NVMe drive automatically after installation is completed.
    3) Open Windows Disk Management and check to make sure the SSD drive is configured.
    4) Create and format the partition using Disk Management and start using the SSD7103 drive.

For Bootable RAID Windows Installation, please refer to the manual from the HighPoint Website:

http://www.highpoint-tech.com/PDF/NVMe/SSD7103/SSD7103_BootRaidInstall
Windows_V1.00.pdf

For Bootable RAID Linux Installation, please refer to the manual from the HighPoint Website:

http://www.highpoint-tech.com/PDF/NVMe/SSD7103/SSD7103_BootRaidInstallLinux_V1.00.pdf

Customer Support

If you encounter any problems while utilizing the SSD7103 drive, or have any questions about this or any other HighPoint Technologies, Inc. product, feel free to contact our Customer Support Department.

Web Support: http://www.highpoint-tech.com/websupport/

HighPoint Technologies, Inc. websites:
http://www.highpoint-tech.com