



ROCKET NANO 2242

M.2 PCIe Gen 4 NVMe SSD



SABRENT ROCKET NANO SERIES INSTALLATION GUIDE

FEATURES

- Fast PCIe 4.0 NVMe SSD designed for M.2 2242-compliant systems and slots
- Large storage capacity of up to 4TB, single-sided up to 2TB
- Capable of up to 7,300/6,400 MB/s for sequential reads and writes
- Maximum random read/write IOPS of up to at least 950K/950K
- Low power consumption with a peak draw below 6W

SUPPORTED OPERATING SYSTEMS

- Windows
- macOS
- Linux

PACKAGE CONTENTS

- Rocket Nano 2242 M.2 PCIe Gen 4 NVMe SSD

SABRENT ROCKET NANO M.2 NVMe DESKTOP INSTALLATION GUIDE AS A PRIMARY DRIVE (NEW SYSTEM)

Installation by a professional desktop computer technician is recommended. Before continuing with the installation process, it is your responsibility to review any warranty policy and instructions provided by your motherboard and computer manufacturer to ensure you follow proper procedures to install your storage device. Some manufacturers may void or limit your motherboard or computer warranty if you proceed with the installation of a new storage device. Accordingly, by proceeding with any installation, you agree to be solely responsible for any failure to follow any manufacturer's instructions.

REQUIRED TOOLS AND PARTS

1. Screwdriver appropriate to the type of screw used for fastening the M.2 device, and the appropriate screwdriver or tool for opening your desktop computer.
2. One screw for fastening the M.2 device to the motherboard.



Note:

The necessary screw or hardware for fastening an M.2 device to the motherboard may have been included with your motherboard. If this has not been included, contact your motherboard manufacturer or computer system manufacturer for this information.

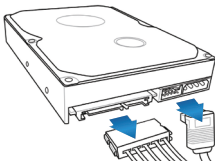
Note:

Depending on the type of hardware used by your motherboard to fasten an M.2 device, a motherboard style stand-off screw may be required and may be included with your motherboard.

1. Backup your important data before proceeding.

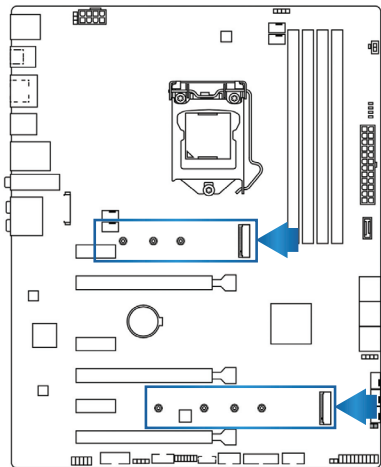
As a precaution, always back up your data to another storage device and/or the cloud before you or anyone else begins any type of work on your computer system.

2. Power down your PC and prepare your computer for drive installation. This may require disconnecting the power cord from your PC or flipping the PSU switch for additional protection. Confirm with your system or motherboard manufacturer the best power-down process when connecting new hardware to the motherboard.



3. Locate the M.2 slot on your motherboard.

Please reference your motherboard user manual for detailed location and orientation of the M.2 slot. Ensure that the intended slot is compatible with the drive before attempting installation.



4. Insert the **Sabrent Rocket Nano M.2 NVMe SSD** device pin-side first into the M.2 slot as is illustrated next (A).

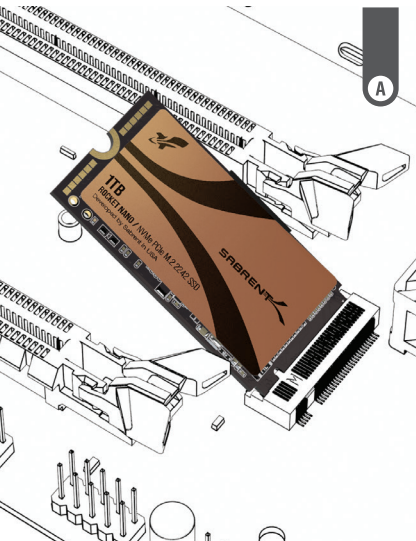
5. Fasten the opposite end of the **Rocket Nano M.2 NVMe SSD** to the motherboard with the necessary screw or hardware, as is illustrated next (B).

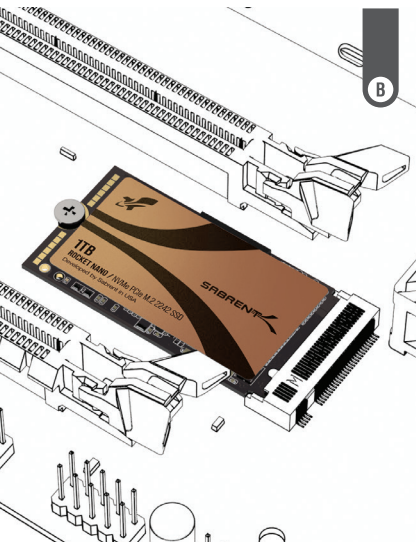
6. Power on your PC and access the motherboard BIOS/UEFI. Accessing your motherboard BIOS/UEFI requires the press of a key or combination of keys on an attached keyboard during the preliminary stages of your computer system boot process ("POST"). Reference your motherboard or system manufacturer's manual for the exact keyboard sequence.

7. Enter and set the boot order in your BIOS/UEFI.

The BIOS/UEFI is typically accessed through pressing DEL, ESC, or a function key (for example, F2) during system POST. Refer to the motherboard or system manual for full details. Once inside the BIOS/UEFI, go to your boot order settings and set your installation media, cloning software, or other utility as the first/primary boot device.

8. Save these BIOS/UEFI settings, exit, and let the system reboot to continue.





SABRENT ROCKET NANO M.2 NVME INSTALLATION GUIDE AS A SECONDARY DRIVE

1. Attach the **Sabrent Rocket Nano M.2 NVMe SSD** as a secondary drive and load Windows® from your existing drive.
2. In Windows 8® and later, move the mouse to the lower left corner of your desktop and right click on the **Start Icon**, then select 'Disk Management'.
3. When Disk Management opens, a pop-up should appear and prompt you to initialize the SSD.
4. Select MBR (Master Boot Record) or GUID partition table (GPT) and click OK. MBR is best for certain legacy software compatibility, while GPT is better for modern systems.
5. Right click in the area that says **Unallocated** and select **New Simple Volume...**
6. The **New Simple Volume Wizard** will open, click **Next**.
7. Leave the Specify Volume Size as the maximum (default value) and click **Next**.
8. Select a **Drive Letter** and click **Next**.
9. In the **Format Partition** screen, decide on a **Volume label** (the name you want to give the drive) and click **Next**.
The drive is now formatted and ready for use.

FREQUENTLY ASKED QUESTIONS

Q. With which systems and devices will this drive work?

A. This drive is a standard NVMe SSD designed for M.2 slots that can receive M Key SSDs. Any slot capable of taking M.2 2242 or longer SSDs will work. Some of these will have an additional offset for 2242 length drives, others may require an extender. This includes enclosures and adapters. It is not recommended to modify M.2 2230 slots to take this drive.

In addition, the Rocket Nano 2242 is single-sided up to 2TB but is double-sided at 4TB. At 4TB it may therefore not fit all systems or enclosures. Verify before beginning the installation procedure.

Q. Will this drive work with earlier/later generation M.2 slots?

A. Yes. This drive is designed for an x4 PCIe 4.0 M.2 slot but will work with older and newer generation slots, or slots with fewer than four lanes. Speeds will be impacted when the drive is installed in an older slot or a slot with only one or two lanes.

Q. Does this drive have host memory buffer (HMB) technology?

A. Yes. This will work with all modern operating systems and in certain enclosures that use Thunderbolt or USB4 technology. For older USB enclosures or adapters, performance will already be bottlenecked and HMB is less critical.

Q. What impact will this drive have on battery life?

A. This drive is designed to be very power efficient with its controller and NAND flash. It is also capable of utilizing many low and idle power states for all modern operating systems. For gaming and general use, the impact on battery life should be minimal.

LEGAL DISCLAIMER

SABRENT RESERVES THE RIGHT TO CHANGE PRODUCTS, INFORMATION AND SPECIFICATIONS WITHOUT NOTICE.

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BACKUP AND WARRANTY ON IMPORTANT DATA

Sabrent does not provide any warranty for data stored on any Sabrent product under any circumstances. Sabrent is not responsible for material or mental damages etc., from any loss or recovery of data stored.

SHOCK

Protect the device against any heavy shocks. This may cause the device to malfunction or could cause data loss.

DISASSEMBLY, DAMAGE, AND REMOVAL

Do not disassemble the product or damage or remove any stickers or labels attached to the product. Product warranty is void if the unit is disassembled, damaged, or the labels or sticker are removed.

Warranty Policy

SABRENT warrants to the purchaser of the Product in its original sealed packaging ("You") that the Product is free from defects in material and workmanship, subject to the conditions stated below, for THE LIMITED WARRANTY PERIOD, BEGINNING ON THE DATE THE PRODUCT WAS

PURCHASED IN ITS ORIGINAL SEALED PACKAGING.

In the event that a valid proof of purchase is not available, the limited warranty period will be determined by the date of manufacture. In the event SABRENT determines, in its sole discretion, that the Product suffers from defects in material or workmanship and does not conform to the published specifications for normal use and wear, for as long as You own the Product and during the limited warranty period, and subject to the conditions and exceptions stated in this Agreement, SABRENT will, at its option, either: (1) refund the then current market value of the Product at the time the warranty claim is made to SABRENT if SABRENT is unable to repair or replace the Product; or (2) repair or replace the Product with new or refurbished Product of equal or greater capacity and functionality.

In the case of replacements, SABRENT may replace Your Product with one that was previously used, repaired and tested to meet SABRENT specifications. The warranty period for repaired and replaced products will be applied for the longer of the remainder of the original warranty period or ninety (90) days. The returned Product for replacement service will not be sent back to You. You should always back up the important data. This warranty is provided only to You and is not transferable.

Extent of the Limited Warranty

The warranty stated herein shall NOT apply if: (i) the Product was not used in accordance with any accompanying instructions, (ii) the Product was not used for its intended function and environment (iii) any failure or defect arose out of the presence of a third party product, software or component, whether authorized or not, (iv) any failure or defect was a result of improper installation or testing, misuse, neglect, unauthorized repair, modification, accident, or other external causes, OR (v) there exist any other circumstances which SABRENT determines is evidence of a breach of this Agreement by You. You acknowledge and agree that the Product is not designed for and shall not be used in, including without limitation, life support systems, critical care, medical or safety equipment, or other applications where failure could result in loss of life or personal or physical harm, or any military or defense application, or any governmental

procurement to which special terms or provisions may apply. Accordingly, SABRENT disclaims any and all liability in connection with, arising out of, or related to, any such use of the Product and you assume all risks rising from any such or similar application of the Product. SABRENT'S warranty does NOT cover any costs and expenses relating to SSDs' overhaul/assembly and data recovery for repairs or replacements. SABRENT's warranty also does NOT cover Products which, by way of example, have been received improperly packaged, altered, or physically damaged. Products will be inspected upon receipt. You can refer to a non-exhaustive list of examples of the warranty exclusions below:

- Improperly packaged or shipped, including use of non-qualified shipping container;
- Any alterations, modifications, or physical damage of the Product, including but not limited to, deep scratches;
- Any alterations, modifications, or removal of any SABRENT labels or barcodes on the Product;
- Opened SSD casing; or
- Tampered or missing tape seal or serial number.

This equipment has been tested and found to comply with part 15 of the FCC rules. For Indoor use only. FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

State of California Proposition 65 Warning (US Only)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Product Warranty Period

Product Model Number Capacity		Product Warranty Period
SB-2742-1TB	1000GB	1 Year Standard Warranty without product registration.
SB-2742-2TB	2000GB	5 Year Warranty with free product registration if registered within 90 days of purchase.
SB-2742-4TB	4000GB	

To register your product please visit
<https://www.sabrent.com/product-registration/>



**Please contact our Technical Support Team
for additional troubleshooting**

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