NV3 PCIe 4.0 NVMe SSD

For high speed, low power storage needs

Kingston’s NV3 PCIe 4.0 NVMe SSD is a next-gen storage solution powered by a Gen 4x4 NVMe controller, delivering read/write speeds up to 6,000/5,000MB/s[1]. It offers lower power consumption and reduced heat, optimizing your system's performance without compromising value. The compact, single-sided M.2 2280 (22x80mm) design expands storage up to 4TB[2] conserving space for other components. Experience NVMe speeds with NV3.

Available in capacities from 500GB – 4TB[2] to give you all the space you need for applications, documents, photos, videos, games and more.

- Gen 4x4 NVMe PCIe performance
- Ideal for high speed, low power storage
- Capacities up to 4TB[2]

Key Features

- ### Gen 4x4 NVMe PCIe performance

  Upgrade your system with read/write speeds up to 6,000/5,000MB/s[1].

- ### Ideal for systems with limited space

  Easily integrate into designs with M.2 connectors. Perfect for thin laptops and small form factor PCs.

- ### Increased storage space

  Available in a variety of high capacities up to 4TB[2] providing ample space to store files, videos, documents, and games with room to spare.

Specifications

Form Factor	M.2 2280
Interface	PCIe 4.0 x4 NVMe
Capacities[2]	500GB, 1TB, 2TB, 4TB
Sequential Read/Write[1]	500GB – 5,000/3,000MB/s 1TB – 6,000/4,000MB/s 2TB - 4TB – 6,000/5,000MB/s
NAND	3D
Endurance (Total Bytes Written)[3]	500GB – 160TB 1TB – 320TB 2TB – 640TB 4TB – 1280TB
Storage Temperature	-40°C~85°C
Operating Temperature	0°C~70°C

Dimensions	22mm x 80mm x 2.3mm
Weight	7g (All capacities)
Vibration Non-operating	20G (10-1000Hz)
MTBF	2,000,000 hours
Warranty/Support[4]	Limited 5-year warranty with free technical support

Part Numbers

SNV3S

SNV3S/500G
SNV3S/1000G
SNV3S/2000G
SNV3S/4000G

Product Image

1. Based on "out-of-box performance" using a PCIe 4.0 motherboard. Speed may vary due to host hardware, software, and usage.
2. Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash Memory Guide.
3. Total Bytes Written (TBW) is derived from the JEDEC Client Workload (JESD219A).
4. Limited warranty based on 5 years or "Percentage Used" which can be found using the Kingston SSD Manager (kingston.com/ssdmanager). For NVMe SSDs, a new unused product will show a Percentage Used value of 0, whereas a product that reaches its warranty limit will show a Percentage Used value of greater than or equal to one hundred (100). See kingston.com/wa for details.