


# 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 of up to 6,000/5,000MB/s[1]. It offers lower power consumption and reduced heat, optimising your system's performance without compromising value. The compact, single-sided M.2 2280 (22x80mm) design expands storage by 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 of up to 4TB[2]

## Key Features

- Gen 4x4 NVMe PCIe performance

  Upgrade your system with read/write speeds of 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<br>1TB – 6,000/4,000MB/s<br>2TB - 4TB – 6,000/5,000MB/s |
| NAND | 3D |
| Endurance (total bytes written)[3] | 500GB – 160TB<br>1TB – 320TB<br>2TB – 640TB<br>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 3-year warranty with free technical support |

# Part Numbers

## SNV3S

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|---|
| 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 3 years or "Percentage Used" which can be found using any available SMART Attribute Reader. 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.

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