

FEATURES / BENEFITS

Gen 4x4 NVMe PCIe Performance — Delivers read/write speeds up to 3,500/2,800MB/s¹ for an overall faster system.

Ideal for Systems with Limited Space — Easily integrate into designs with M.2 connectors. Perfect for thin laptops and small form factor PCs.

Extended Capacities — Available in a range of high capacities up to 4TB² to meet your data storage requirements.

SPECIFICATIONS

Form Factor

M.2 2280

Interface

PCIe 4.0 x4 NVMe

Capacities²

250GB, 500GB, 1TB, 2TB, 4TB

Sequential Read/Write¹

250GB – 3,000/1,300MB/s 500GB – 3,500/2,100MB/s
1TB – 3,500/2,100MB/s 2TB - 4TB – 3,500/2,800MB/s

Nand

3D

Endurance (Total Bytes Written)³

250GB – 80TB 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 2.2mm

Weight

7g (All capacities)

Vibration Operating

2.17G (7-800 Hz)

Vibration Non-operating

20G (20-1000Hz)

MTBF

2,000,000 hours

Warranty/Support⁴

Limited 3-year warranty with free technical support



KINGSTON PART NUMBERS

NV2 PCIe 4.0 NVMe SSD

SNV2S/250G

SNV2S/500G

SNV2S/1000G

SNV2S/2000G

SNV2S/4000G

This SSD is designed for use in desktop and notebook computer workloads and is not intended for Server environments.

- Based on "out-of-box performance" using a PCIe 4.0 motherboard. Speed may vary due to host hardware, software, and usage.
- 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 at kingston.com/flashguide.
- Total Bytes Written (TBW) is derived from the JEDEC Client Workload (JESD219A).
- Limited warranty based on 3 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 detail.

