NV5000 M.2 2280 NVMe SSD

The Netac NV5000 M.2 NVMe SSD uses ultra-high speed PCIe Gen4*4 interface and complies with the NVMe 1.3 standard. With read and write speed up to 5000MB/s and 4400MB/s respectively, which makes it as the best choice for your PC upgrading. Available in capacity from 500GB-2TB to meet your system's needs. It supports SLC caching, which can improve efficiency whether loading applications or copying files. Besides, with the Aluminum heatsink for heat dispassion it can effectively cool down and avoid overheating.

Note: The Netac NV5000 is designed for use in consumer desktops, it is not recommend for use in industrial or server applications.

500GB/1TB/2TB

FEATURES

- 3D NAND Flash adopted for higher capacity, durability and excellent performance
- Advanced LDPC ECC and data protection technology enhances the endurance and retention of 3D NAND
- End to End data path protection
- SLC Caching for optimal sustained performance
- Supports S.M.A.R.T., TRIM Command, and NCQ

SPECIFICATIONS

Capacities: 500GB, 1TB, 2TB

Interface: PCIe Gen4*4, NVMe 1.3

Form Factor: M.2 2280

Dimensions (L x W x H): 80mm x 23.5mm x 11.25mm

PCBA Weight: <8g

Storage Temperature: -40°C~85°C

Operation Temperature: 0°C~70°C

Shock Resistance: 1500G duration 0.5ms, Half Sine Wave

MTBF: 2,000,000 hours

Warranty: 5 years

PERFORMANCE

Capacity	500GB	1TB	2TB
Max. Sequential Read (MB/s)	5000	5000	5000
Max. Sequential Write (MB/s)	2500	4400	4400
Max. Random Read (IOPS)	450K	600K	600K
Max. Random Write (IOPS)	550K	600K	600K
Total Bytes Written (TBW)	350	700	1400

ORDERING INFORMATION

Capacity	Part Number
500GB	NT01NV5000-500-E4X
1TB	NT01NV5000-1T0-E4X
2TB	NT01NV5000-2T0-E4X

*1GB means 1,000,000,000 bytes, actual available capacity less.

*According to internal test, transmission rate may vary depending on host hardware, software and usage.

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