

NV2000 M.2 2280

NVMe SSD

Netac

DATA SHEET



Netac NV2000 NVMe SSD uses a high-speed PCIe Gen3*4 interface and complies with the NVMe 1.3 standard. With read and write speeds as high as 2500MB/s and 2100MB/s respectively, it is the best choice for your PC and laptop upgrading. Available in capacities from 256GB-1TB to meet your system's needs. Besides, it supports Host Memory Buffer and SLC caching, so it's more efficient no matter loading applications or copying files.

PCIe Gen3 *4 Performance

Built with PCIe Gen3 *4 technology, the sequential read and write speed can be up to 2500/2100MB/s, reducing the operating system and game/software delays.

Selected Chips

NV2000 adopts a new generation of 3D NAND and supports LDPC intelligent error correction to ensure longevity and reliability.

A Variety of Capacities

Available in 256GB/512GB/1TB 3 kinds of capacities, greatly expanding storage capacity.

Five-year Limited Warranty

To ensure the product's compatibility and readability, every Netac SSDs is backed by a series of rigorous testing, and with a 5-year limited warranty.

As an industry-leading manufacturer of memory and storage, Netac has been always been dedicated to the mission of providing the best products and services. For more information or support, please visit www.netac.com.

Highlights

- NVMe M.2 PCIe Gen3 *4 interface
- Read/write speed up to 2500/2100MB/s
- Supports S.M.A.R.T./TRIM Command/NCQ
- 5-year limited warranty

Best-Fit Applications

- Laptops
- Desktop PCs



Specification	256GB	512GB	1TB
Model Number	NT01NV2000-256-E4X	NT01NV2000-512-E4X	NT01NV2000-1T0-E4X
Interface	PCIe Gen3 *4, NVMe 1.3	PCIe Gen3 *4, NVMe 1.3	PCIe Gen3 *4, NVMe 1.3
Form Factor	M.2 2280	M.2 2280	M.2 2280
Performance			
Max. Sequential Read (MB/s)	2500	2500	2500
Max. Sequential Write (MB/s)	1000	1950	2100
Max. Random Read (IOPS)	130K	130K	150K
Max. Random Write (IOPS)	220K	250K	280K
Total Bytes Written (TBW)	150	300	600
Environmental			
Storage Temperature	-40°C~85°C	-40°C~85°C	-40°C~85°C
Operation Temperature	0°C~70°C	0°C~70°C	0°C~70°C
Shock Resistance	1500g/0.5ms	1500g/0.5ms	1500g/0.5ms
MTBF	2 million hours	2 million hours	2 million hours
Limited Warranty (Years)	5	5	5
Physical			
Length	80mm	80mm	80mm
Width	22mm	22mm	22mm
Height	2.25mm	2.25mm	2.25mm
Weight	<8g	<8g	<8g

Special Noted:

1. Performance measured using CrystalDiskMark 8.0.0 x64.
2. Write cache enabled.
3. 5 years or Max Endurance(TBW) limit, whichever occurs first.
4. 1MB/sec = 1,048,576 bytes/sec was used in sequential performance.
5. 1GB means 1,000,000,000 bytes, actual available capacity less.
6. According to internal test, transmission rate may vary depending on host hardware, software and usage.
7. For more details please consult your distributor.



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