

Netac

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NV2000 M.2 2280 NVMe SSD

The Netac NV2000 M.2 2280 NVMe SSD uses high-speed PCIe Gen3*4 interface and complies with the NVMe 1.4 standard. With read and write speed as high as 2500MB/s and 2100MB/s respectively, which makes it as the best choice for your PC and laptop upgrading. Available in capacity from 256GB-1TB to meet your system's needs. Besides, it supports Host Memory Buffer and SLC caching, it's more efficient no matter loading application or copying files.



Note: The Netac NV2000 is designed for use in consumer notebooks and desktops, it is not recommend for use in industrial or server applications.

256GB/512GB/1TB

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
- Host Memory Buffer and SLC Caching for optimal sustained performance
- Supports S.M.A.R.T., TRIM Command, and NCQ

SPECIFICATIONS

Capacities: 256GB, 512GB, 1TB

Interface: PCIe Gen3*4, NVMe 1.4

Form Factor: M.2 2280

Dimensions (L x W x H): 80mm x 22mm x 2.25mm

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 | 256GB | 512GB | 1TB |
|------------------------------|-------|-------|-------|
| Max. Sequential Read (MB/s) | 2500 | 2500 | 2500 |
| Max. Sequential Write (MB/s) | 1000 | 1950 | 2100 |
| Total Bytes Written (TBW) | 150TB | 300TB | 600TB |
| Max. Random Read (IOPS) | 130K | 130K | 150K |
| Max. Random Write (IOPS) | 220K | 250K | 280K |

ORDERING INFORMATION

| Capacity | Part Number |
|----------|--------------------|
| 256GB | NT01NV2000-256-E4X |
| 512GB | NT01NV2000-512-E4X |
| 1TB | NT01NV2000-1T0-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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