

# NV3000 RGB M.2 2280 NVMe SSD

Netac

DATA SHEET



## Highlights

- NVMe M.2 PCIe Gen3 \*4 interface
- Read/write speed up to 3500/2100MB/s
- Customizable RGB lighting effects
- Supports S.M.A.R.T./TRIM Command/NCQ
- 5-year limited warranty

## Best-Fit Applications

- Laptops
- Desktop PCs



The Netac Shadow NV3000 RGB M.2 NVMe SSD uses an ultra-high speed PCIe Gen3 \*4 interfaces and complies with the NVMe 1.3 standard. It has RGB colorful lighting effects, which can be adjusted with the software of motherboard manufacturers such as ASUS, MSI, Gigabyte, and ASRock. Read and write speeds up to 3500MB/s and 2100MB/s respectively, suitable for creating gaming-style and RGB style PC. Besides, the Aluminum heatsink for heat dissipation can effectively cool down and avoid overheating.

## Fast PCIe Gen3 \*4 Performance

NV3000 RGB is built with PCIe Gen3 \*4 channels, high bandwidth, low latency, and reading speed is up to 3000MB/s, which can achieve fast loading and instant response.

## Incredible RGB Lighting

This SSD is compatible with RGB sync software from other major motherboard manufacturers, which can easily realize synchronous linkage of light effects and personalized settings.

## Selected Flash Chips

Selected 3D NAND Flash chips have higher capacity density and reliability than 2D structures. It also supports LDPC Intelligent Error Correction, significantly prolonging the service life of the hard disk.

## Up to 2TB of Storage

Support 500GB/1TB/2TB 3 kinds of capacity, meet different storage requirements, console game and work software.

| Specification                | 500GB                  | 1TB                    | 2TB                    |
|------------------------------|------------------------|------------------------|------------------------|
| Model Number                 | NT01NV3000RGB-500- E4X | NT01NV3000RGB-1T0- E4X | NT01NV3000RGB-2T0- 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               |
| <b>Performance</b>           |                        |                        |                        |
| Max. Sequential Read (MB/s)  | 3400                   | 3400                   | 3500                   |
| Max. Sequential Write (MB/s) | 2000                   | 2000                   | 2000                   |
| Max. Random Read (IOPS)      | 150K                   | 150K                   | 150K                   |
| Max. Random Write (IOPS)     | 200K                   | 200K                   | 200K                   |
| Total Bytes Written (TBW)    | 300                    | 600                    | 1200                   |
| <b>Environmental</b>         |                        |                        |                        |
| 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                      |
| <b>Physical</b>              |                        |                        |                        |
| Length                       | 80mm                   | 80mm                   | 80mm                   |
| Width                        | 24mm                   | 24mm                   | 24mm                   |
| Height                       | 19mm                   | 19mm                   | 19mm                   |
| PCBA 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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Ver. 12-11-2022