N600S
2.5 inch SSD

DATA SHEET

Netac

N600S SSD with implementing 3D TLC NAND Flash and an advanced controller, and is also designed to improve the response speed of notebooks and desktops, which delivers read speeds up to 560MB/s and write speeds up to 520MB/s for fast startup, loading, and data transmission. It can easily upgrade the machine with wide compatibility for laptops, desktops, and integrated computers.

High-speed Interface

With SATAIII 6Gb/s high-speed interface, the reading speed can be up to 560MB/s and drastically reduce the boot time.

Highlights

- Read/write speed up to 560/520MB/s
- 3D TLC NAND flash are applied
- Supports SLC Caching technology
- Supports S.M.A.R.T./TRIM Command/NCQ
- 5-year limited warranty

Stabilization Performance

With functions permanent and stable, the well-chosen 3D NAND Chips can adapt various and complex environment.

Massive Expansion

Provide a variety of capacity options from 64GB-2TB to meet different storage needs.

Best-Fit Applications

- Laptops
- Desktop PCs

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.

Specification	64GB	128GB	256GB	512GB	1TB	2TB
Model Number	NT01N600S-064G-S3X NT01N600S-128G-S3X NT01N600S-256G-S3X			NT01N600S-512G-S3X NT01N600S-001T-S3X NT01N600S-002T-S3X		
Interface	SATAIII 6GB/s (Backward compatible to SATAII 3Gb/s and SATAI 1.5Gb/s)					
Form Factor	2.5 inch					
Performance						
Max. Sequential Read (MB/s)	400	510	540	540	560	545
Max. Sequential Write (MB/s)	200	440	490	490	520	500
Total Bytes Written (TBW)	35	70	140	280	560	1120
Environmental						
Storage Temperature	-40°C~85°C					
Operation Temperature	0°C~70°C					
Shock Resistance	1500g/0.5ms					
MTBF	1.5 million hours					
Limited Warranty(Years)	5					
Physical						
Length	100.0mm					
Width	69.85mm					
Height	7.0mm					
Weight	About 53g (Metal) / About 46g (Plastic)					

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.

Netac Technology Co., Ltd.