SA500
2.5 inch SSD

With implementing 3D NAND Flash and an advanced controller, Netac SA500 is designed to improve the response speed of notebooks and desktops, it delivers read speed up to 530MB/s and write speed up to 475MB/s for fast startup, loading and data transmission.

Note: The Netac SA500 is designed for use in consumer notebooks and desktops, it is not recommended for use in industrial or server applications.

120GB/128GB/240GB/256GB/480GB /512GB/960GB/1TB

FEATURES

- 3D NAND Flash adopted for larger capacity, durability and excellent performance
- Advanced N ANDXtend™ ECC a nd data p rotection technology e nhances t he
- endurance and retention of 3D NAND
- SLC Caching for optimal sustained performance
- Supports S.M.A.R.T., TRIM Command, and NCQ

SPECIFICATIONS

Capacities：120GB/128GB/240GB/256GB/480G/512GB/960GB/1TB

Interface: SATAIII 6Gb/s (backward compatible to SATAII 3Gb/s and SATA I 1.5Gb/s)

Form Factor: 2.5 inch

Dimensions (L x W x H): 100.0mm x 69.85mm x 7.0mm

Weight: 46g

Storage Temperature: -40°C~85°C
Operation Temperature: 0°C~70°C

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

MTBF: 1,500,000 hours

Warranty: 3 years

PERFORMANCE

Capacity	120GB/128GB	240GB/256GB	480GB/512GB	960GB/1TB
Sequential Read (MB/s) up to	500	520	520	530
Sequential Write (MB/s) up to	400	450	450	475
Total Bytes Written (TBW)	60	120	240	480

ORDERING INFORMATION

Capacity	Part Number	Capacity	Part Number
120GB	NT01SA500-120-S3X	128GB	NT01SA500-128-S3X
240GB	NT01SA500-240-S3X	256GB	NT01SA500-256-S3X
480GB	NT01SA500-480-S3X	512GB	NT01SA500-512-S3X
960GB	NT01SA500-960-S3X	1TB	NT01SA500-1T0-S3X

*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.

Netac

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