

N5M mSATA SSD

Netac

DATA SHEET



Netac N5M mSATA SSD adopts an advanced controller and 3D NAND Flash technology, with delivering a read speed of up to 560MB/s and a write speed of up to 520MB/s for fast startup, loading, and data transmission. N5M is available in multiple capacities up to 2TB.

More Efficient

N5M mSATA SSD with the SATAIII 6Gb/s interface provides ultra-fast transfer speeds of up to 560MB/s read and 520MB/s write, which gets faster boot times.

High Stability

Built with advanced NANDXtend™ ECC and data protection technology to enhance the endurance and retention of 3D NAND. Netac N5M mSATA SSD also supports TRIM command, S.M.A.R.T monitor system, and NCQ technology, which greatly enhances the stability of data transmission.

Up to 2TB Capacity

It offers a choice of multiple capacities from 128GB to 2TB, making computer upgrades easier and giving you the space to store applications, photos, and files.

Three-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 3-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

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

Best-Fit Applications

- Laptops
- Desktop PCs



Specification	128GB	256GB	512GB	1TB	2TB
Model Number	NT01N5M-128G-S3X NT01N5M-256G-S3X NT01N5M-512G-S3X NT01N5M-001T-S3X NT01N5M-002T-S3X				
Interface	SATAIII 6Gb/s (Backward compatible to SATAII 3Gb/s and SATAI 1.5Gb/s)				
Form Factor	mSATA				
Performance					
Max. Sequential Read (MB/s)	510	540	540	560	545
Max. Sequential Write (MB/s)	440	490	490	520	500
Total Bytes Written (TBW)	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)	3				
Physical					
Length	50.8mm				
Width	29.8mm				
Height	4.85mm				
Weight	<8g				

Special Noted:

1. Performance measured using CrystalDiskMark 8.0.0 x64.
2. Write cache enabled.
3. 3 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.

Tel: 86-755-26727516 | Website: www.netac.com

16.18.19F, Netac, Building, Number 6 High-tech South St, Nanshan District, Shenzhen, P.R.China 518057

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