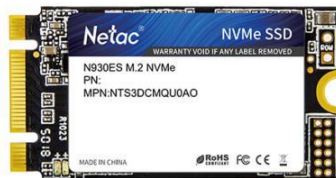


N930ES M.2 2242 NVMe SSD

Netac

DATA SHEET



Netac N930ES M.2 NVMe SSD is designed with a compact M.2 2242 form factor for easy installation and fit into PC and laptops, while its low power consumption helps extend laptop battery life and supports PCIe Gen3 *2 standard and NVMe1.3 standard protocol. It's the best solution for large software applications, game loading, and other operations. Besides, the read and write speeds can be up to 1650MB/s and 1500MB/s respectively.

More Efficient

N930ES M.2 SSD is built with M.2 2242 specification, which is perfectly compatible with PC and laptops, proving the excellent performance of low power consumption, low heat generation, zero noise, and shock resistance.

More Capacity Choices

It offers a choice of multiple capacities from 128GB to 1TB, 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 1650/1500MB/s
- 3D NAND flash is adopted for large capacity
- Supports SLC Caching technology
- End to end data path protection with CRC parity
- Supports LDPC ECC and data protection
- Support Host Memory Buffer (HMB)
- 3-year limited warranty

Best-Fit Applications

- Laptops
- Desktop PCs

* N930ES is designed for use in consumer notebooks and desktops, it is not recommended for use in industrial or server applications.



Specification	128GB	256GB	512GB	1TB
Model Number	NT01N930ES-128G-E2X	NT01N930ES-256G-E2X	NT01N930ES-512G-E2X	NT01N930ES-001T-E2X
Interface	PCIe Gen3 *2, NVMe 1.3	PCIe Gen3 *2, NVMe 1.3	PCIe Gen3 *2, NVMe 1.3	PCIe Gen3 *2, NVMe 1.3
Form Factor	M.2 2242	M.2 2242	M.2 2242	M.2 2242
Performance				
Max. Sequential Read (MB/s)	970	1650	1650	1650
Max. Sequential Write (MB/s)	635	1260	1500	1500
Max. Random Read (IOPS)	100K	130K	180K	220K
Max. Random Write (IOPS)	130K	170K	200K	220K
Total Bytes Written (TBW)	75	150	300	600
Environmental				
Storage Temperature	-40°C~85°C	-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	0°C~70°C
Shock Resistance	1500g/0.5ms	1500g/0.5ms	1500g/0.5ms	1500g/0.5ms
MTBF	1.5 million hours	1.5 million hours	1.5 million hours	1.5 million hours
Limited Warranty (Years)	3	3	3	3
Physical				
Length	42mm	42mm	42mm	42mm
Width	22mm	22mm	22mm	22mm
Height	3.15mm	3.15mm	3.15mm	3.15mm
Weight	<5g	<5g	<5g	<5g

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.



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