

N950E PRO M.2 2280 NVMe SSD

Netac

DATA SHEET



With an incredible ultra-high speed of up to 3500MB/s and 3000MB/s respectively, Netac N950E PRO M.2 NVMe SSD dramatically improves the responsiveness of your existing system. And the independent cache makes it 5-7 times faster than a traditional SATA interface. Besides, with the Aluminum heatsink for heat dissipation, it can effectively cool down and avoid overheating.

High Performance

It Support HMB (Host Memory Buffer) and external SDRAM cache to obtain higher 4K performance, improve the efficiency of application, program loading, and file transfer, and give you more smooth operator experience.

Multi-device Stability Compatibility

N950E PRO SSD uses M.2 2280 form factor to allow easy installation, fits to compatible with a desktop computer and ultra-thins, is easy to upgrade computer performance, and improves the speed of the whole machine.

A Variety of Capacities

Available in capacities from 250GB/500GB/1TB/2TB 4 choice, which greatly expands storage capacity.

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.

Highlights

- Aluminum heatsink for heat dissipation
- Supports SLC Caching technology
- Supports S.M.A.R.T./TRIM Command/NCQ
- End to End data path protection with CRC parity
- 5-year limited warranty

Best-Fit Applications

- Laptops
- Desktop PCs

* It is designed for consumer notebooks and desktops and is not recommended for industrial or server applications.



Specification	250GB	500GB	1TB	2TB
Model Number	NT01N950E-250G-E4X NT01N950E-500G-E4X		NT01N950E-001T-E4X NT01N950E-002T-E4X	
Interface	PCIe Gen3 *4, Nvme1.3			
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280
Performance				
Max. Sequential Read (MB/s)	3000	3500	3350	3500
Max. Sequential Write (MB/s)	1300	2200	2800	3000
Total Bytes Written (TBW)	200	400	800	1600
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)	5	5	5	5
Physical				
Length	80mm	80mm	80mm	80mm
Width	23.5mm	23.5mm	23.5mm	23.5mm
Height	11mm	11mm	11mm	11mm
Weight	<32.5g	<32.5g	<32.5g	<32.5g

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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