



NV30ES PCIe Gen3×4 SSD

DATA SHEET

Highlights

- Access to the system in seconds
- Up to 3300MB/s read speed
- 3D NAND flash for efficiency and reliability
- Compact M.2 2242 design
- LDPC ECC ensures data integrity
- 128GB-2TB capacities

Best-Fit Applications

- Ultrabooks and Mini PCs
- All-in-One PCs
- Gaming Systems

NETAC Shadow NV30ES combines speed, efficiency, and reliability in a compact M.2 2242 form factor. Featuring the PCIe Gen3×4 NVMe interface and 3D NAND flash, it delivers read speeds up to 3300MB/s for rapid boot-up, smooth multitasking, and efficient data handling. Its energy-optimized design with LDPC error correction ensures consistent, stable performance across ultrabooks, AIO PCs, and diverse computing workloads.

Accelerated Performance

Experience instant system response and shorter load times with read speeds up to 3300MB/s, enabling effortless productivity and entertainment.

Reliable 3D NAND Architecture

Built with carefully selected 3D NAND flash for enhanced endurance, stable data transmission, and reduced power consumption.

Compact Versatility

M.2 2242 design ensures wide compatibility across laptops, desktops, and compact systems, making upgrades simple and flexible.

Flexible Storage Options

Available in 128GB to 2TB capacities to accommodate light users and professionals alike, with a 3-year limited warranty for added assurance.



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Features and specifications are subject to change without notice. Pictures shown may vary from actual products.
The total accessible capacity varies depending on the operating environment.
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Specifications

Interface	PCIe Gen 3x4 NVMe 1.4
Capacity	128GB/256GB/512GB/1TB/2TB
Performance Read (Max.)	up to 3,300MB/s
Performance Write (Max.)	up to 2,800MB/s
Storage Temperature	0°C~70°C
Operation Temperature	-40°C~85°C
Dimensions (L x W x H)	42 x 22 x 3.15 mm
Weight	8g
Shock	1500g/0.5ms
MTBF	1.5 million hours
Limited Warranty	3-year
Operating System	Windows、 macOS、 Linux

*Performance read/write varies by system performance and capacity

Ordering Information

128GB	NT01NV30ES-128-E4X
256GB	NT01NV30ES-256-E4X
512GB	NT01NV30ES-512-E4X
1TB	NT01NV30ES-1T0-E4X
2TB	NT01NV30ES-2T0-E4X

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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