



2.5" SSDs

SATA III 6Gb/s SSD250N

Designed exclusively for NAS, Transcend's SATA III 6Gb/s SSD250N features high durability, proven stability, and guaranteed reliability that boost NAS systems a great deal. Coming in up to 2TB storage capacity and featuring built-in 3D NAND flash, the SSD250N supports small and medium businesses, 4K/8K video editing, and multi-user environments. It's the ideal choice to upgrade your NAS!



24/7 Endurance Empowers Your NAS

Designed specifically for NAS, Transcend's SSD250N solid-state drive offers high endurance that supports 24/7 usage, suitable for an always-on NAS system. Excellent durability means these drives can satisfy the needs of small and midsize businesses and pair well with multimedia applications such as 4K/8K video editing, and remote teamwork.



Access Data in a Blink of an Eye

Transcend's SSD250N boosts your NAS system performance with a built-in DRAM cache, offering fast access to frequently used files. You can seamlessly back up and store the files, thus synchronizing important documents. Low latency greatly improves work efficiency at home or in the office!



High IOPS to Speed Up Loading Times

Built with 3D NAND flash and the SATA III transfer interface, the SSD250N delivers incredibly short load times and almost instant response for heavy workloads. You can easily share photos and videos with family and friends, remotely collaborate with colleagues in real time, or share documents with clients instantly.



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Features

- Designed exclusively for NAS
- High endurance for 24/7 operations
- 3D NAND flash and SATA III interface boost transfer speeds
- Secure data and prolong drive lifespan with advanced technologies



SSD Scope

SSD Scope features useful functions to maintain your SSD in a healthy status and also copy data from your original HDD to Transcend's new SSD.

Specifications

Appearance

Dimensions	100 mm x 69.85 mm x 6.8 mm (3.94" x 2.75" x 0.28")
Weight	57 g (2.01 oz)

Interface

Bus Interface	SATA III 6Gb/s
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Storage

Flash Type	3D NAND flash
Capacity	1 TB / 2 TB

Operating Environment

Operating Temperature	0°C (32°F) ~ 70°C (158°F)
Operating Voltage	5V±5%

Performance

Sequential Read/Write (CrystalDiskMark, max.)	Read: up to 560 MB/s Write: up to 480 MB/s
4K Random Read/Write (IOMeter, max.)	Read: up to 82,000 IOPS Write: up to 80,000 IOPS
Mean Time Between Failures (MTBF)	2,000,000 hour(s)
Drive Writes Per Day (DWPD)	0.55 (5 yrs)
Terabytes Written (Max.)	2,000 TBW
Note	Speed may vary due to host hardware, software, usage, and storage capacity. The workload used to rate DWPD may be different from your actual workload, which may vary due to host hardware, software, usage, and storage capacity.

Warranty

Certificate	CE / FCC / BSMI / KC / RCM
Warranty	Five-year Limited Warranty

Ordering Information

1TB	TS1TSSD250N
2TB	TS2TSSD250N

Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment.