

2.5" SSDs

SATA III 6Gb/s SSD225S

Transcend's SATA III 6Gb/s SSD225S features superior durability and stability, delivering up to 560 MB/s of transfer speeds to upgrade your laptop and desktop! With up to 2TB of storage capacity and firmware optimization, you can save plenty of files without any worries.



The best choice for a computer upgrade

SSD225S is a 2.5" SATA SSD designed for both desktop and laptop computers. With one easy installment, you can enjoy fast application processing times, greatly enhancing your computer performance. With up to 2TB of storage capacity, you can save tons of photos, music files, and other media files.



Performance boost for everyday computing

Taking full advantage of the SATA III 6Gb/s interface and top-notch 3D NAND flash, the SSD225S strengthens its speeds with the SLC caching technology, delivering exceptional transfer speeds of up to 560MB/s read and 500MB/s write.



Guaranteed endurance and reliability

Transcend's SSD225S offers great Terabytes Written (TBW) values (up to 720 TB) indicating the total amount of data you can write into the drive over its lifetime.

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Features

- 3D NAND flash
- Engineered with a RAID engine and LDPC (Low-Density Parity Check) coding to ensure data integrity
- Built-in SLC caching technology for exceptional transfer speeds
- Supports DevSleep ultra low power state, S.M.A.R.T., TRIM, and NCQ commands

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	45 g (1.59 oz)

Interface

Bus Interface	SATA III 6Gb/s

Storage

Flash Type	3D NAND flash
Capacity	250GB / 500 GB / 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)	Read: up to 560 MB/s Write: up to 500 MB/s
4K Random Read/Write (IOmeter)	Read: up to 55,000 IOPS Write: up to 80,000 IOPS
Mean Time Between Failures (MTBF)	2,000,000 hour(s)
Drive Writes Per Day (DWPD)	0.3 (3 yrs)
Terabytes Written (TBW)	up to 720 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. Terabytes Written (TBW) expresses the endurance under the highest capacity. For Mac users please visit our Apple Solutions here.

Warranty

Certificate	CE / FCC / BSMI / KC / RCM / UKCA
Warranty	Three-year Limited Warranty

Ordering Information

250GB	TS250GSSD225S
500GB	TS500GSSD225S
1TB	TS1TSSD225S
2TB	TS2TSSD225S

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

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