

2.5" SSDs



SATA III 6Gb/s SSD370S

Transcend's SATA III 6Gb/s SSD370S boasts incredibly fast transfer speeds, MLC NAND flash memory, a compact and lightweight design, and shock and vibration resistance. With this solid state drive, you will enjoy a seamless, lag-free computing experience.

Transcend SSD -- Easy to Upgrade Your Computer



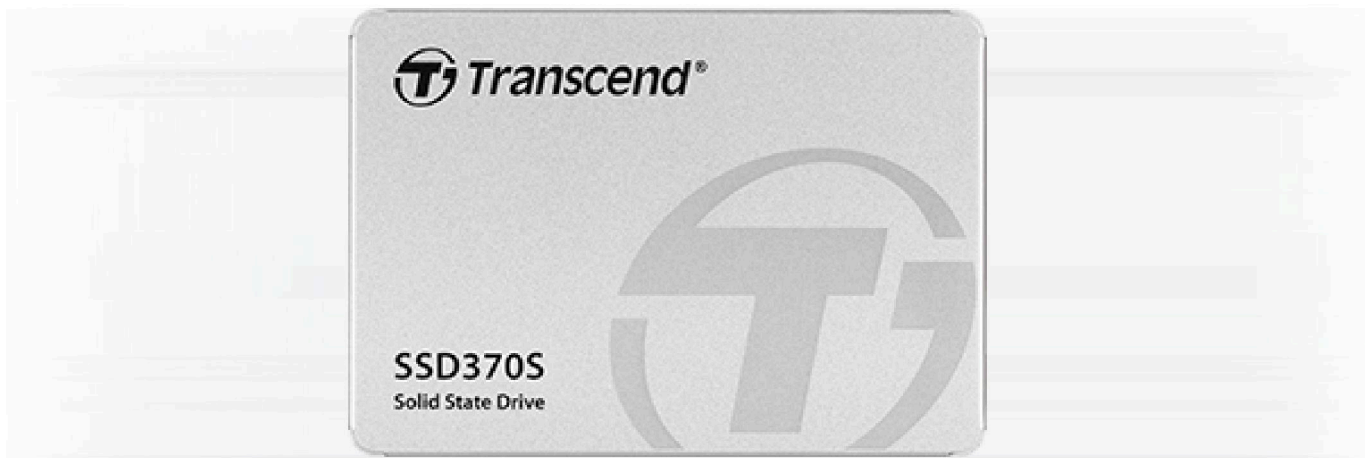
MLC NAND flash inside

Transcend's SSD370S is manufactured with reliable, top-tier MLC NAND flash memory to ensure superior stability and endurance, making it well-suited to high-end applications.



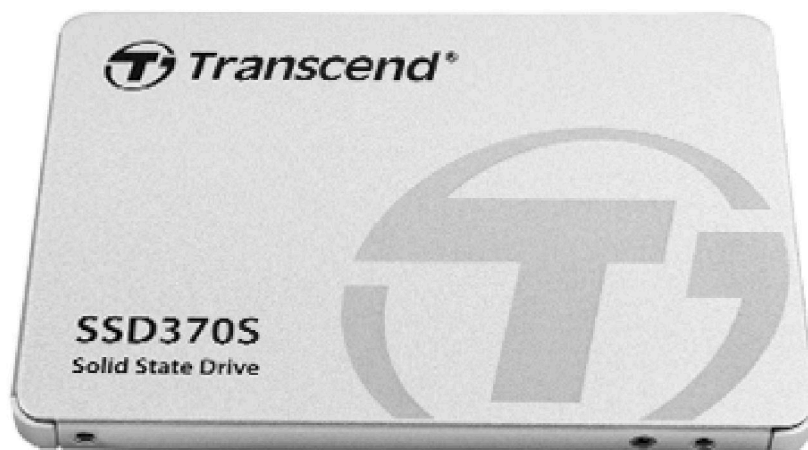
Performance boost for everyday computing

Taking full advantage of the SATA III 6Gb/s interface, DDR3 DRAM cache and a powerful controller, Transcend's SSD370S delivers blazing-fast read and write speeds of up to 530MB/s and 460MB/s.



Guaranteed endurance and reliability

Transcend's SSD370S offers great Terabytes Written (TBW) values (up to 2,940 TBW) indicating the total amount of data you can write into the drive over its lifetime.



Error Correcting Code (ECC)

Detects and corrects transfer errors to prevent data corruption

Garbage Collection

Relocates existing data to release memory blocks

Wear-leveling

Distributes data evenly across memory cells to prolong SSD's lifespan

DevSleep

Intelligently shuts down SATA interface when not in use to prolong device's battery life

DDR3 DRAM cache

Stores a temporary copy of the most active data to shorten access times

A better choice than HDD

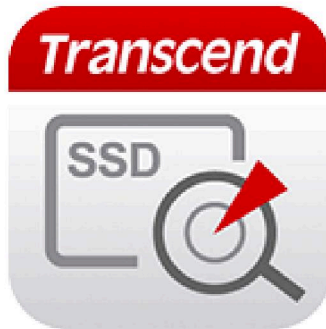
Solid-state drives dominate the market for PC upgrades because they are faster and lighter than hard disk drives. SSDs also feature less power, create less noise when in operation, and are more shock-resistant than traditional hard drives.



SSD Scope software

Transcend SSD Scope is advanced, user-friendly software that makes it easy to ensure your Transcend SSD remains healthy, and continues to run fast and error-free by determining the condition and optimizing the performance of your drive.

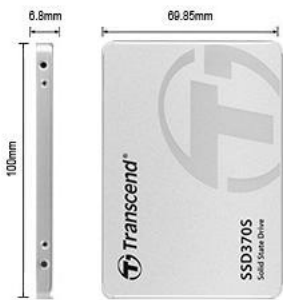
[Learn more \(/support/software/ssd-scope\)](https://support.transcend-info.com/support/software/ssd-scope)



Guaranteed quality

Transcend's solid state drives are built to the highest standards and rigorously tested, and offer outstanding quality, performance, and reliability.

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)

Storage

Flash Type	MLC NAND flash
Capacity	32 GB / 64 GB / 128 GB / 256 GB / 512 GB / 1 TB

Operating Environment

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

Performance

Sequential Read/Write (CrystalDiskMark)	1 TB	Up to 530/460 MB/s
	512 GB	Up to 530/430 MB/s
	256 GB	Up to 530/400 MB/s
	128 GB	Up to 530/200 MB/s
	64 GB	Up to 520/100 MB/s
	32 GB	Up to 280/50 MB/s
4K Random Read/Write (IOmeter)	1 TB	Up to 75,000/75,000 IOPS
	512 GB	Up to 70,000/70,000 IOPS
	256 GB	Up to 70,000/70,000 IOPS
	128 GB	Up to 70,000/50,000 IOPS
	64 GB	Up to 50,000/25,000 IOPS
	32 GB	Up to 25,000/10,000 IOPS
Terabytes Written (TBW)	1 TB	2940 TBW
	512 GB	1480 TBW
	256 GB	740 TBW
	128 GB	360 TBW
	64 GB	180 TBW
	32 GB	90 TBW
Mean Time Between Failures (MTBF)	2,000,000 hour(s)	
Drive Writes Per Day (DWPD)	2.5 (3 yrs)	
Note	<ul style="list-style-type: none">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 (/apple/jetdrive420/).	

Warranty

Certificate	CE / UKCA / FCC / BSMI / KC / RCM
Warranty	Three-year Limited Warranty
Warranty Policy	<ul style="list-style-type: none">Please click here (/Warranty) for more information about the Transcend Warranty Policy.Warranty does not apply when SSD Scope's lifetime indicator displays 0% within the warranty coverage.

Package

Package Contents	Full unit
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System Requirement

Operating System	<ul style="list-style-type: none">Microsoft Windows 7 or laterLinux Kernel 2.6.31 or later
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Technology

TRIM & NCQ Command	✓
S.M.A.R.T.	✓
DDR3 DRAM Cache	✓
Advanced Garbage Collection	✓
DevSleep Mode	✓
RAID Engine	-
LDPC Coding	-

Awards



(<http://greentechreviews.ru/2016/11/22/obzor-ssd-nakopitelya-transcend-ts256gssd370s-256-gbajt-sata-iii/>)

Editor's choice

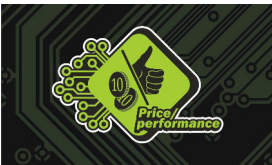
GreenTech Reveiws
Russia



(<http://oclab.ru/articles/obzor-ssd-nakopitelya-obyomom-256-gbayt-transcend-ts256gssd370>)

RECOMMENDED

Oclab.ru
Russia



(<http://greentechreviews.ru/2016/11/22/obzor-ssd-nakopitelya-transcend-ts256gssd370s-256-gbajt-sata-iii/>)

Price/performance

GreenTech Reveiws
Russia



(http://ithardware.pl/testyirecenzje/transcend_ssd370s_256_gb_charakterystyka-579-8.html)

Recommended award

Recommended award
Poland

Order Information

32GB

TS32GSSD370S Aluminum casing

64GB

TS64GSSD370S Aluminum casing

128GB

TS128GSSD370S Aluminum casing

256GB

TS256GSSD370S Aluminum casing

512GB

TS512GSSD370S Aluminum casing

1TB

TS1TSSD370S Aluminum casing



Product Sheet

(https://CDN.transcend-info.com/products/images/modelpic/631/Transcend-SATAIII6Gbs_SSD370S.pdf)



Support

(</support/product/internal-ssd/ssd370>)

Recommended Products



2.5" SSD/HDD
Enclosure Kit

[\(/product/internal-ssd/2-5-ssd-hdd-enclosure-kit\)](/product/internal-ssd/2-5-ssd-hdd-enclosure-kit)



2.5" SSD/HDD
Enclosure

[\(/product/internal-ssd/2-5-ssd-hdd-enclosure\)](/product/internal-ssd/2-5-ssd-hdd-enclosure)

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Work From Home Hacks

[\(/Article/WFH\)](/Article/WFH)



Get ahead. Up your game.

[\(/Article/gamingconsole\)](/Article/gamingconsole)

Consumer Products

- [Internal SSDs \(/product/internal-ssd\)](/product/internal-ssd)
- [Portable SSDs \(/product/portable-ssd\)](/product/portable-ssd)
- [External Hard Drives \(/product/external-hard-drive\)](/product/external-hard-drive)
- [Dashcams \(/product/dashcam\)](/product/dashcam)
- [Body Cameras \(/product/body-camera\)](/product/body-camera)
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- [Card Readers, DVD Writers & Accessories \(/product/card-reader-accessory\)](/product/card-reader-accessory)
- [Customized Solutions \(/products/oem.aspx\)](/products/oem.aspx)

Embedded Solutions

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- [Applications \(/Embedded/Applications\)](/Embedded/Applications)
- [Software Solutions \(/Embedded/Software\)](/Embedded/Software)
- [Resource Download \(/embedded/download\)](/embedded/download)

Support

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- [Compatibility \(/support/compatibility\)](/support/compatibility)
- [Warranty Policy \(/warranty\)](/warranty)
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- [Where to Buy \(/support/buy\)](/support/buy)
- [Partner Center \(/partnercenter/\)](/partnercenter/)

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- [Green Initiatives \(/about/green-initiatives\)](/about/green-initiatives)
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