

# NEW ERA. NEW PERFORMANCE.



High-quality  
NAND flash



## Solid State Drives | SATA III 6Gb/s 2.5" SSDs

Transcend's solid state drives boast incredibly fast transfer speeds, top-tier 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.



Performance boost for everyday computing

- A better choice than HDD
- Silent, low power consumption, shock-resistant
- Guaranteed endurance and reliability
- Supports DevSleep ultra low power state
- Free download of the SSD Scope software
- Five-year Limited Warranty for SSD230S; Three-year Limited Warranty for SSD370S, SSD360S, SSD340K, and SSD220S



Easy upgrade for your PC

### SSD370S

#### Ordering Information

TS32GSSD370S	32GB
TS64GSSD370S	64GB
TS128GSSD370S	128GB
TS256GSSD370S	256GB
TS512GSSD370S	512GB
TS1TSSD370S	1TB

### SSD230S

#### Ordering Information

TS128GSSD230S	128GB
TS256GSSD230S	256GB
TS512GSSD230S	512GB
TS1TSSD230S	1TB

### SSD360S

#### Ordering Information

TS32GSSD360S	32GB
TS64GSSD360S	64GB
TS128GSSD360S	128GB
TS256GSSD360S	256GB

### SSD220S

#### Ordering Information

TS120GSSD220S	120GB
TS240GSSD220S	240GB
TS480GSSD220S	480GB

### SSD340K

#### Ordering Information

TS32GSSD340K	32GB
TS64GSSD340K	64GB
TS128GSSD340K	128GB
TS256GSSD340K	256GB

# Transcend 2.5" Solid State Drives

SSD370S

SSD360S

SSD340K

SSD230S

SSD220S



Operating Temperature	0°C (32°F) ~ 70°C (158°F)	0°C (32°F) ~ 70°C (158°F)	0°C (32°F) ~ 70°C (158°F)	0°C (32°F) ~ 70°C (158°F)	0°C (32°F) ~ 60°C (140°F)
Storage Media	MLC NAND Flash	MLC NAND Flash	MLC NAND Flash	3D NAND Flash	3D NAND Flash
RAID engine and LDPC coding	-	-	-	•	•
Error Correcting Code (ECC)	•	•	•	-	-
DDR3 DRAM Cache	•	-	•	•	-
Garbage Collection	•	•	•	•	•
Wear-leveling	•	•	•	•	•
DevSleep Mode	•	•	•	•	•

Maximum Sequential Read/Write Performance (ATTO)*	32GB	230MB/s, 40MB/s	220MB/s, 40MB/s	230MB/s, 45MB/s	-	120GB: 520MB/s, 450MB/s 240GB: 500MB/s, 480MB/s 480GB: 540MB/s, 500MB/s
	64GB	450MB/s, 80MB/s	430MB/s, 400MB/s	400MB/s, 90MB/s	-	
	128GB	550MB/s, 170MB/s	560MB/s, 480MB/s	550MB/s, 170MB/s	560MB/s, 480MB/s	
	256GB	560MB/s, 320MB/s	560MB/s, 500MB/s	550MB/s, 330MB/s	560MB/s, 500MB/s	
	512GB	560MB/s, 460MB/s	-	-	560MB/s, 510MB/s	
	1TB	560MB/s, 460MB/s	-	-	560MB/s, 520MB/s	
Maximum 4K Random Read/Write Performance (CrystalDiskMark)*	32GB	90MB/s, 40MB/s	40MB/s, 40MB/s	90MB/s, 45MB/s	-	120GB: 140MB/s, 280MB/s 240GB: 180MB/s, 280MB/s 480GB: 200MB/s, 280MB/s
	64GB	170MB/s, 80MB/s	85MB/s, 300MB/s	170MB/s, 90MB/s	-	
	128GB	270MB/s, 170MB/s	170MB/s, 320MB/s	290MB/s, 170MB/s	140MB/s, 330MB/s	
	256GB	300MB/s, 300MB/s	180MB/s, 330MB/s	310MB/s, 320MB/s	250MB/s, 330MB/s	
	512GB	300MB/s, 300MB/s	-	-	340MB/s, 330MB/s	
	1TB	300MB/s, 300MB/s	-	-	340MB/s, 330MB/s	
Maximum 4K Random Read/Write Performance (IOmeter)*	32GB	20,000 IOPS/10,000 IOPS	10,000 IOPS/10,000 IOPS	20,000 IOPS/11,000 IOPS	-	120GB: 28,000 IOPS/75,000 IOPS 240GB: 40,000 IOPS/75,000 IOPS 480GB: 50,000 IOPS/75,000 IOPS
	64GB	40,000 IOPS/20,000 IOPS	22,000 IOPS/60,000 IOPS	40,000 IOPS/22,000 IOPS	-	
	128GB	70,000 IOPS/40,000 IOPS	40,000 IOPS/86,000 IOPS	70,000 IOPS/40,000 IOPS	35,000 IOPS/80,000 IOPS	
	256GB	70,000 IOPS/70,000 IOPS	60,000 IOPS/86,000 IOPS	75,000 IOPS/80,000 IOPS	65,000 IOPS/85,000 IOPS	
	512GB	75,000 IOPS/75,000 IOPS	-	-	80,000 IOPS/85,000 IOPS	
	1TB	75,000 IOPS/75,000 IOPS	-	-	85,000 IOPS/85,000 IOPS	
Terabytes Written (TBW)**	32GB	26 TB	20 TB	66 TB	-	120GB: 40 TB 240GB: 80 TB 480GB: 160 TB
	64GB	40 TB	58 TB	132 TB	-	
	128GB	52 TB	115 TB	212 TB	70 TB	
	256GB	102 TB	230 TB	282 TB	140 TB	
	512GB	204 TB	-	-	280 TB	
	1TB	408 TB	-	-	560 TB	

\*Speed may vary due to host hardware, software, usage and storage capacity.

\*\*TBW tested under burn-in tool. Values may vary due to host environment.

