Transcend®

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NEW ERA.
NEW PERFORMANCE.

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

Easy upgrade for your PC

- 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

SSD370S
Ordering Information

TS32GSSD370S	32GB
TS64GSSD370S	64GB
TS128GSSD370S	128GB
TS256GSSD370S	256GB
TS512GSDD370S	512GB
TS1TSSD370S	1TB

SSD360S
Ordering Information

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

SSD340K
Ordering Information

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

SSD230S
Ordering Information

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

SSD220S
Ordering Information

TS120GSSD220S	120GB
TS240GSSD220S	240GB
TS480GSSD220S	480GB

Note: For Mac users please refer to the JetDrive product lines for compatible products.

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/40,00 0 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.*

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