Transcend® Solid State Drive

Absolutely fast →

5x FASTER than traditional HDDs

SSD	HDD
11 sec	59 sec
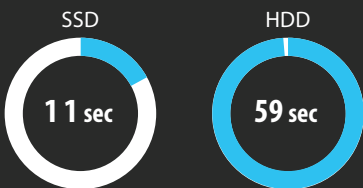
Windows 7 boot time*
5.3x faster than HDD

540MB/s
100MB/s

| 0 | 100 | 200 | 300 | 400 | 500 | 600 |
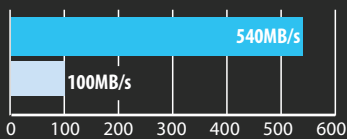
Sequential Read Speed*
5.4x faster than HDD

* Based on the SSD360S's performance

Solid State Drives | SATA III 6Gb/s

Transcend's SATA III 6Gb/s solid state drives deliver significantly improved performance and reliability to modern Ultrabooks, notebooks, and desktops. Designed with multitasking power users in mind, the productivity-enhancing SATA III SSDs are the ideal upgrade solution for advanced multimedia computing and intense gaming.

HIGH **IOPS**

Faster load times & lag-free multitasking

Ultra-slim 6.8mm form factor

- Powerful controller with high-quality flash chips
- Supports DevSleep ultra low power state
- Supports TRIM, NCQ and S.M.A.R.T. functions
- Silent, low-power operation. Resistant to shock and vibration
- Three-year limited warranty

SSD370S (Aluminum)
Ordering Information

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

SSD370 (Plastic)
Ordering Information

TS32GSSD370	32GB
TS64GSSD370	64GB
TS128GSSD370	128GB
TS256GSSD370	256GB
TS512GSDD370	512GB
TS1TSSD370	1TB

SSD340K (Aluminum)
Ordering Information

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

SSD340 (Plastic)
Ordering Information

TS32GSSD340	32GB
TS64GSSD340	64GB
TS128GSSD340	128GB
TS256GSSD340	256GB

SSD360S (Aluminum)
Ordering Information

TS128GSSD360S	128GB
TS256GSSD360S	256GB

SSD220S (Aluminum)
Ordering Information

TS120GSSD220S	120GB
TS240GSSD220S	240GB
TS480GSSD220S	480GB
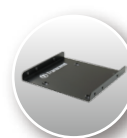
All models include 2.5" to 3.5" desktop mounting bracket and screws (except for SSD360S & SSD220S)

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

Transcend 2.5-inch Solid State Drive Series

	SSD370	SSD360S	SSD340	SSD220S
	(Plastic) / (Aluminum)	(Aluminum)	(Plastic) / (Aluminum)	(Aluminum)
Dimensions	Aluminum: 100mm x 69.85mm x 6.8mm | Plastic: 99.8mm x 69.8mm x 7mm			
Weight (max.)	Aluminum: 58g/Plastic: 52g	Aluminum: 58g	Aluminum: 59g/Plastic: 55g	Aluminum: 58g
Interface	SATA III 6Gb/s (backwards compatible with SATA 3 Gb/s and SATA 1.5 Gb/s)			
Form Factor	2.5 inch			
Controller	TS6500	TS6510	JMICRON JMF670H	SM2256KAB
Capacity	32GB, 64GB, 128GB, 256GB, 512GB, 1TB	128GB, 256GB	32GB, 64GB, 128GB, 256GB	120GB, 240GB, 480GB
Operating Voltage	DC 5V			
Operating Temperature	0°C (32°F) ~ 70°C (158°F)			
Storage Media	MLC NAND Flash Memory	MLC NAND Flash Memory	MLC NAND Flash Memory	TLC NAND Flash Memory
TRIM & NCQ Command	●	●	●	●
S.M.A.R.T.	●	●	●	●
DDR3 DRAM Cache	●	–	●	●
Advanced Garbage Collection	●	●	●	●
DevSleep Mode	●	●	●	●

Maximum Sequential Read/Write Performance (ATTO)*

		SSD370	SSD360S	SSD340	SSD220S
	32GB	230MB/s, 40MB/s	–	230MB/s, 45MB/s	120GB: 550MB/s, 420MB/s
	64GB	450MB/s, 80MB/s	–	400MB/s, 90MB/s	
	128GB	550MB/s, 170MB/s	540MB/s, 200MB/s	550MB/s, 170MB/s	240GB: 550MB/s, 450MB/s
	256GB	560MB/s, 320MB/s	540MB/s, 340MB/s	550MB/s, 330MB/s	
	512GB	560MB/s, 460MB/s	–	–	480GB: 550MB/s, 450MB/s
	1TB	560MB/s, 460MB/s	–	–	

Maximum 4K Random Read/Write Performance (CrystalDiskMark)*

		SSD370	SSD360S	SSD340	SSD220S
	32GB	90MB/s, 40MB/s	–	90MB/s, 45MB/s	120GB: 320MB/s, 320MB/s
	64GB	170MB/s, 80MB/s	–	170MB/s, 90MB/s	
	128GB	270MB/s, 170MB/s	140MB/s, 200MB/s	290MB/s, 170MB/s	240GB: 330MB/s, 330MB/s
	256GB	300MB/s, 300MB/s	140MB/s, 300MB/s	310MB/s, 320MB/s	
	512GB	300MB/s, 300MB/s	–	–	480GB: 330MB/s, 330MB/s
	1TB	300MB/s, 300MB/s	–	–	

Maximum 4K Random Read/Write Performance (IOmeter)*

		SSD370	SSD360S	SSD340	SSD220S
	32GB	20,000 IOPS/10,000 IOPS	–	20,000 IOPS/11,000 IOPS	120GB: 78,000/78,000 IOPS
	64GB	40,000 IOPS/20,000 IOPS	–	40,000 IOPS/22,000 IOPS	
	128GB	70,000 IOPS/40,000 IOPS	35,000 IOPS/50,000 IOPS	70,000 IOPS/40,000 IOPS	240GB: 80,000/80,000 IOPS
	256GB	70,000 IOPS/70,000 IOPS	35,000 IOPS/70,000 IOPS	75,000 IOPS/80,000 IOPS	
	512GB	75,000 IOPS/75,000 IOPS	–	–	480GB: 80,000/80,000 IOPS
	1TB	75,000 IOPS/75,000 IOPS	–	–	

| Warranty | Three-year Limited Warranty | | | |

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

[Platform] ASUS P8Z68-V PRO / Intel Core i7 / 4G DDR3 1333
[System configuration] OS: Windows 7 professional 64 bit, HDD/SSD tested as system disk connected to SATA III port. (AHCI enabled)

Transcend®