Absolutely fast

5x **FASTER than traditional HDDs**

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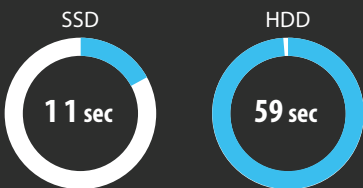
Windows 7 boot time*
5.3x faster than HDD

560MB/s
100MB/s

0 100 200 300 400 500 600
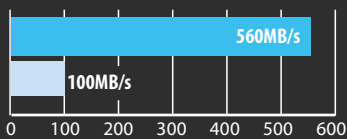
**Sequential Read Speed***
5.6x faster than HDD

*Based on the SSD230S'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
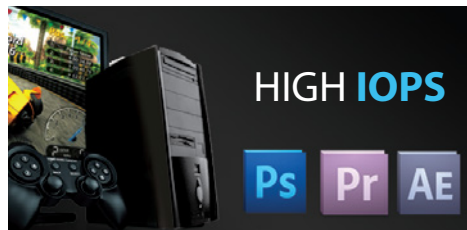
Faster load times & lag-free multitasking

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
TS960GSSD220S	960GB

SSD230S (Aluminum)
Ordering Information

TS128GSSD230S	128GB
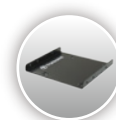
Both SSD370 and SSD340 include a 2.5" to 3.5" desktop mounting bracket and screws for PC upgrade.

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

Transcend 2.5-inch Solid State Drive

	SSD370	SSD360S	SSD340	SSD230S	SSD220S
	(Aluminum) (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: 63g/Plastic: 52g	Aluminum: 63g	Aluminum: 63g/Plastic: 55g	Aluminum: 63g	Aluminum: 63g
Interface		SATA III 6Gb/s (backwards compatible with SATA 3 Gb/s and SATA 1.5 Gb/s)			
Form Factor		2.5 inch			
Capacity	32GB, 64GB, 128GB, 256GB, 512GB, 1TB	128GB, 256GB	32GB, 64GB, 128GB, 256GB	128GB	120GB, 240GB, 480GB, 960GB
Operating Voltage		DC 5V			
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 Memory	MLC NAND Flash Memory	MLC NAND Flash Memory	3D NAND TLC 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)*

Capacity	SSD370	SSD360S	SSD340	SSD230S	SSD220S
32GB	230MB/s, 40MB/s	–	230MB/s, 45MB/s	–	120GB: 560MB/s, 300MB/s
64GB	450MB/s, 80MB/s	–	400MB/s, 90MB/s	–	240GB: 550MB/s, 450MB/s
128GB	550MB/s, 170MB/s	540MB/s, 200MB/s	550MB/s, 170MB/s	560MB/s, 300MB/s	480GB: 550MB/s, 450MB/s
256GB	560MB/s, 320MB/s	540MB/s, 340MB/s	550MB/s, 330MB/s	–	960GB: 550MB/s, 450MB/s
512GB	560MB/s, 460MB/s	–	–	–	
1TB	560MB/s, 460MB/s	–	–	–	

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

Capacity	SSD370	SSD360S	SSD340	SSD230S	SSD220S
32GB	90MB/s, 40MB/s	–	90MB/s, 45MB/s	–	120GB: 120MB/s, 300MB/s
64GB	170MB/s, 80MB/s	–	170MB/s, 90MB/s	–	240GB: 330MB/s, 330MB/s
128GB	270MB/s, 170MB/s	140MB/s, 200MB/s	290MB/s, 170MB/s	120MB/s, 300MB/s	480GB: 330MB/s, 330MB/s
256GB	300MB/s, 300MB/s	140MB/s, 300MB/s	310MB/s, 320MB/s	–	960GB: 310MB/s, 310MB/s
512GB	300MB/s, 300MB/s	–	–	–	
1TB	300MB/s, 300MB/s	–	–	–	

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

Capacity	SSD370	SSD360S	SSD340	SSD230S	SSD220S
32GB	20,000 IOPS/10,000 IOPS	–	20,000 IOPS/11,000 IOPS	–	120GB: 30,000/76,000 IOPS
64GB	40,000 IOPS/20,000 IOPS	–	40,000 IOPS/22,000 IOPS	–	240GB: 80,000/80,000 IOPS
128GB	70,000 IOPS/40,000 IOPS	35,000 IOPS/50,000 IOPS	70,000 IOPS/40,000 IOPS	30,000 IOPS/76,000 IOPS	480GB: 80,000/80,000 IOPS
256GB	70,000 IOPS/70,000 IOPS	35,000 IOPS/70,000 IOPS	75,000 IOPS/80,000 IOPS	–	960GB: 78,000/78,000 IOPS
512GB	75,000 IOPS/75,000 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®