



# Absolutely fast →

**5X FASTER than traditional HDDs**

SSD

**11 sec**

HDD

**59 sec**

Windows 7 boot time\*  
**5.3x faster than HDD**

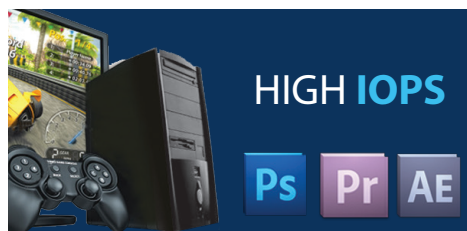
560MB/s

100MB/s

Sequential Read Speed\*  
**5.6x faster than HDD**

## 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.



**Faster load times & lag-free multitasking**

- 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



**Ultra-slim 6.8mm form factor**

\*Based on the SSD230S's performance.

### SSD370S

#### Ordering Information

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

### SSD220S

#### Ordering Information

TS120GSSD220S	120GB	
TS240GSSD220S	240GB	
TS480GSSD220S	480GB	

### SSD360S

#### Ordering Information

TS32GSSD360S	32GB	
TS64GSSD360S	64GB	
TS128GSSD360S	128GB	
TS256GSSD360S	256GB	
TS512GSSD360S	512GB	
TS1TSSD360S	1TB	

### SSD230S

#### Ordering Information

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

### SSD340K

#### Ordering Information

TS32GSSD340K	32GB	
TS64GSSD340K	64GB	
TS128GSSD340K	128GB	
TS256GSSD340K	256GB	
TS512GSSD340K	512GB	

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

# Transcend 2.5" Solid State Drive

SSD370

SSD360S

SSD340

SSD230S

SSD220S



(Aluminum)



(Aluminum)



(Aluminum)



(Aluminum)



(Aluminum)

Dimensions	100mm × 69.85mm × 6.8mm					
Weight (Max.)	Aluminum: 63g	Aluminum: 63g	Aluminum: 63g	Aluminum: 63g	Aluminum: 63g	
Interface	SATA III 6Gb/s (backward compatible with SATA 3Gb/s and SATA 1.5Gb/s)					
Form Factor	2.5 inch					
Capacity	32GB, 64GB, 128GB, 256GB, 512GB, 1TB	32GB, 64GB, 128GB, 256GB, 512GB	32GB, 64GB, 128GB, 256GB	128GB, 256GB, 512GB, 1TB	120GB, 240GB, 480GB	
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	MLC NAND Flash	MLC NAND Flash	TLC NAND Flash	TLC NAND Flash	
TRIM & NCQ Command	•	•	•	•	•	
S.M.A.R.T.	•	•	•	•	•	
DDR3 DRAM Cache	•	–	•	•	–	
Advanced Garbage Collection	•	•	•	•	•	
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, 500MB/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, 500MB/s	–	560MB/s, 520MB/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	290MB/s, 330MB/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/85,000 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	68,000 IOPS/86,000 IOPS	–	85,000 IOPS/85,000 IOPS	
	1TB	75,000 IOPS/75,000 IOPS	–	–	85,000 IOPS/85,000 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)

