



# Absolutely fast →

**5X FASTER** than traditional HDDs

SSD

**11 sec**

HDD

**59 sec**

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

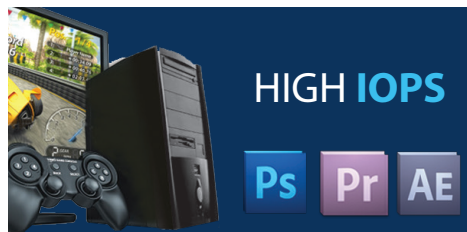
560MB/s

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 (Aluminum)

#### Ordering Information

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

### SSD220S (Aluminum)

#### Ordering Information

TS120GSSD220S	120GB	
TS240GSSD220S	240GB	
TS480GSSD220S	480GB	

### SSD360S (Aluminum)

#### Ordering Information

TS32GSSD360S	32GB	
TS64GSSD360S	64GB	
TS128GSSD360S	128GB	
TS256GSSD360S	256GB	
TS512GSSD360S	512GB	

### SSD230S (Aluminum)

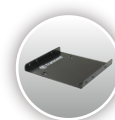
#### Ordering Information

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

### SSD340K (Aluminum)

#### Ordering Information

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



Both SSD370 and SSD340K 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" 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				
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, 512GB, 1TB				
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)				
Storage Media	MLC NAND Flash		MLC 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		-	
	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		-	
	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		-	
	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)

