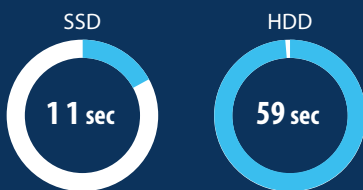




Absolutely fast →

5X FASTER than traditional HDDs



Windows 7 boot time*
5.3x faster than HDD

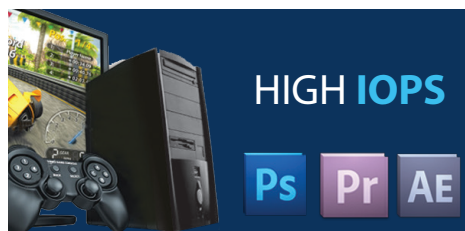


Sequential Read Speed*
5.6x faster than HDD

*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.



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

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

SSD230S

Ordering Information

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

SSD340K

Ordering Information

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

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

Transcend 2.5" Solid State Drive

SSD370S

SSD360S

SSD340K

SSD230S

SSD220S



(Aluminum)



(Aluminum)



(Aluminum)



(Aluminum)



(Aluminum)

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	
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, 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		-		-		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		-		-		85,000 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: 100 TB 240GB: 200 TB 480GB: 330 TB	
	64GB	40 TB		58 TB		132 TB		-			
	128GB	52 TB		115 TB		212 TB		64 TB			
	256GB	102 TB		230 TB		282 TB		128 TB			
	512GB	204 TB		-		-		256 TB			
	1TB	408 TB		-		-		512 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.

[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)

