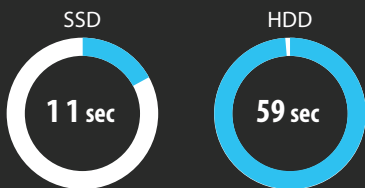


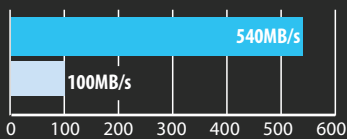


Absolutely fast →

5x FASTER than traditional HDDs



Windows 7 boot time*
5.3x faster than HDD



Sequential Read Speed*
5.4x 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



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

* Based on the SSD360S's performance

SSD370S (Aluminum)

Ordering Information

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



SSD370 (Plastic)

Ordering Information

| | |
|--------------|-------|
| TS32GSSD370 | 32GB |
| TS64GSSD370 | 64GB |
| TS128GSSD370 | 128GB |
| TS256GSSD370 | 256GB |
| TS512GSSD370 | 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

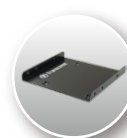
| | |
|---------------|-------|
| TS128GSSD360S | 128GB |
| TS256GSSD360S | 256GB |



SSD220S (Aluminum)

Ordering Information

| | |
|---------------|-------|
| TS120GSSD220S | 120GB |
| TS240GSSD220S | 240GB |
| TS480GSSD220S | 480GB |
| TS960GSSD220S | 960GB |



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



| Dimensions | Aluminum: 100mm x 69.85mm x 6.8mm Plastic: 99.8mm x 69.8mm x 7mm | | | | |
|---|--|-------------------------|----------------------------|----------------------------|--|
| Weight (max.) | Aluminum: 63g/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, 960GB | |
| 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)* | 32GB | 230MB/s, 40MB/s | – | 230MB/s, 45MB/s | 120GB: 550MB/s, 420MB/s 240GB: 550MB/s, 450MB/s 480GB: 550MB/s, 450MB/s 960GB: 550MB/s, 450MB/s |
| | 64GB | 450MB/s, 80MB/s | – | 400MB/s, 90MB/s | |
| | 128GB | 550MB/s, 170MB/s | 540MB/s, 200MB/s | 550MB/s, 170MB/s | |
| | 256GB | 560MB/s, 320MB/s | 540MB/s, 340MB/s | 550MB/s, 330MB/s | |
| | 512GB | 560MB/s, 460MB/s | – | – | |
| | 1TB | 560MB/s, 460MB/s | – | – | |
| Maximum 4K Random Read/Write Performance (CrystalDiskMark)* | 32GB | 90MB/s, 40MB/s | – | 90MB/s, 45MB/s | 120GB: 320MB/s, 320MB/s 240GB: 330MB/s, 330MB/s 480GB: 330MB/s, 330MB/s 960GB: 310MB/s, 310MB/s |
| | 64GB | 170MB/s, 80MB/s | – | 170MB/s, 90MB/s | |
| | 128GB | 270MB/s, 170MB/s | 140MB/s, 200MB/s | 290MB/s, 170MB/s | |
| | 256GB | 300MB/s, 300MB/s | 140MB/s, 300MB/s | 310MB/s, 320MB/s | |
| | 512GB | 300MB/s, 300MB/s | – | – | |
| | 1TB | 300MB/s, 300MB/s | – | – | |
| Maximum 4K Random Read/Write Performance (IOMeter)* | 32GB | 20,000 IOPS/10,000 IOPS | – | 20,000 IOPS/11,000 IOPS | 120GB: 78,000/78,000 IOPS 240GB: 80,000/80,000 IOPS 480GB: 80,000/80,000 IOPS 960GB: 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 | |
| | 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 | – | – | |
| | 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)

