Transcend's SATA III 6Gb/s SSD370S boasts incredibly fast transfer speeds, MLC NAND flash memory, a compact and lightweight design, and shock and vibration resistance. With this solid state drive, you will enjoy a seamless, lag-free computing experience.

**MLC NAND flash inside**
Transcend’s SSD370S is manufactured with reliable, top-tier MLC NAND flash memory to ensure superior stability and endurance, making it well-suited to high-end applications.

**Performance boost for everyday computing**
Taking full advantage of the SATA III 6Gb/s interface, DDR3 DRAM cache and a powerful controller, Transcend’s SSD370S delivers blazing-fast read and write speeds of up to 560MB/s and 460MB/s.

**Guaranteed endurance and reliability**
Transcend’s SSD370S offers great Terabytes Written (TBW) values (up to 408 TB) indicating the total amount of data you can write into the drive over its lifetime. It also features Error Correcting Code (ECC), Garbage Collection, Wear-leveling, and DevSleep.
2.5" Solid State Drive
SATA III 6Gb/s SSD370S

Features
- Up to 560 MB/s read; 460 MB/s write
- MLC NAND flash memory and DDR3 DRAM cache
- Engineered with ECC (Error Correcting Code) to ensure data integrity
- Supports DevSleep ultra low power state, S.M.A.R.T., TRIM, and NCQ commands
- Download the SSD Scope software from Transcend’s official website

Specification

Appearance
- Dimensions (Max.): 100 mm x 69.85 mm x 6.8 mm (3.94” x 2.75” x 0.28”)
- Weight (Max.): 63 g (2.22 oz)

Storage
- Flash Type: MLC NAND flash
- Capacity: 32 GB / 64 GB / 128 GB / 256 GB / 512 GB / 1 TB

Operating Environment
- Operating Temperature: 0°C (32°F) ~ 70°C (158°F)
- Operating Voltage: 5V±5%

Performance
- Sequential Read/Write (ATTO, max.): Read: 560 MB/s, Write: 460 MB/s
- Sequential Read/Write (CrystalDiskMark, max.): Read: 520 MB/s, Write: 460 MB/s
- 4K Random Read/Write (Iometer, max.): Read: 75,000 IOPS, Write: 75,000 IOPS
- Mean Time Between Failures (MTBF): 1,000,000 hour(s)
- Terabytes Written (Max.): 408 TB
- Drive Writes Per Day (DWPD): 0.19 (3 yrs)

Note
- Speed may vary due to host hardware, software, usage, and storage capacity.

Warranty
- Certificate: CE/FCC/BSMI
- Warranty: Three-year Limited Warranty

Ordering Information
- 32GB: TS32GSSD370S
- 64GB: TS64GSSD370S
- 128GB: TS128GSSD370S
- 256GB: TS256GSSD370S
- 512GB: TS512GSSD370S
- 1TB: TS1TSSD370S

Product specifications are subject to change without notice. Pictures shown may differ from actual products. When used as a storage capacity unit, one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment.
## 2.5” SSD Comparison

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SSD230S</td>
<td>100 mm x 69.85 mm x 6.8 mm (3.94” x 2.75” x 0.28”)</td>
<td>53 g (1.87 oz)</td>
<td>3D NAND flash</td>
</tr>
<tr>
<td>SSD220S</td>
<td>100 mm x 69.85 mm x 6.8 mm (3.94” x 2.75” x 0.28”)</td>
<td>45 g (1.59 oz)</td>
<td>3D NAND flash</td>
</tr>
<tr>
<td>SSD370S</td>
<td>100 mm x 69.85 mm x 6.8 mm (3.94” x 2.75” x 0.28”)</td>
<td>63 g (2.22 oz)</td>
<td>MLC NAND flash</td>
</tr>
</tbody>
</table>

### Appearance
- **Dimensions (Max.):** 100 mm x 69.85 mm x 6.8 mm (3.94” x 2.75” x 0.28”)
- **Weight (Max.):** 53 g (1.87 oz) | 45 g (1.59 oz) | 63 g (2.22 oz)

### Storage
- **Flash Type:** 3D NAND flash | 3D NAND flash | MLC NAND flash
- **Capacity:** 128GB ~ 2TB | 120GB ~ 480GB | 32GB ~ 1TB

### Operating Environment
- **Temperature:** 0°C (32°F) – 70°C (158°F) | 0°C (32°F) – 60°C (140°F) | 0°C (32°F) – 70°C (158°F)

### Performance
- **Sequential Read/Write (ATTO, max.):** - | - | 560 MB/s | 460 MB/s
- **Sequential Read/Write (CrystalDiskMark, max.):** 560 MB/s | 530 MB/s | 520 MB/s | 460 MB/s
- **4K Random Read/Write (IOMeter, max.):** 85,000 IOPS | 50,000 IOPS | 75,000 IOPS | 75,000 IOPS
- **Mean Time Between Failures (MTBF):** 1,000,000 hour(s) | 1,000,000 hour(s) | 1,000,000 hour(s)
- **Terabytes Written (Max.):** 1120 TB | 160 TB | 408 TB
- **Drive Writes Per Day (DWPD):** 0.3 (5 yrs) | 0.3 (3 yrs) | 0.19 (3 yrs)

### Warranty
- **Warranty:** Five-year Limited Warranty | Three-year Limited Warranty | Three-year Limited Warranty

### Technology
- **TRIM & NCQ Command:** ✓ | ✓ | ✓
- **S.M.A.R.T.:** ✓ | ✓ | ✓
- **DDR3 DRAM Cache:** ✓ | - | ✓
- **Advanced Garbage Collection:** ✓ | ✓ | ✓
- **DevSleep Mode:** ✓ | ✓ | ✓
- **RAID Engine:** ✓ | ✓ | -
- **LDPC Coding:** ✓ | ✓ | -

*Speed may vary due to host hardware, software, usage, and storage capacity.*