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 530MB/s and 460MB/s.

**Guaranteed endurance and reliability**
Transcend's SSD370S offers great Terabytes Written (TBW) values (up to 2,940 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 530 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.) 57 g (2.01 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 (CrystalDiskMark, max.)
Read: 530 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) 2,000,000 hour(s)
Terabytes Written (Max.) 2,940 TB
Drive Writes Per Day (DWPD) 2.5 (3 yrs)

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

Warranty
Certificate CE/FCC/BSMI/KC/RCM
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>
<th>Product</th>
<th>Dimensions</th>
<th>Weight</th>
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<th>Capacity</th>
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<th>Sequential Read/Write</th>
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<th>Terabytes Written (TBW)</th>
<th>Drive Writes Per Day (DWPD)</th>
<th>Technology</th>
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<tbody>
<tr>
<td>SSD220Q</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>QLC NAND flash</td>
<td>500GB – 2TB</td>
<td>Three-year Limited Warranty</td>
<td>550 MB/s</td>
<td>81,000 IOPS</td>
<td>2,000,000 hour(s)</td>
<td>0.19 (3 yrs)</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>SSD230S</td>
<td></td>
<td>53 g (1.87 oz)</td>
<td>3D NAND flash</td>
<td>128GB – 2TB</td>
<td>Five-year Limited Warranty</td>
<td>560 MB/s</td>
<td>85,000 IOPS</td>
<td>2,000,000 hour(s)</td>
<td>1.120 TB</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>SSD2220S</td>
<td></td>
<td>45 g (1.59 oz)</td>
<td>3D NAND flash</td>
<td>120GB – 960GB</td>
<td>Three-year Limited Warranty</td>
<td>550 MB/s</td>
<td>65,000 IOPS</td>
<td>2,000,000 hour(s)</td>
<td>320 TB</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>SSD370S</td>
<td></td>
<td>57 g (2.01 oz)</td>
<td>MLC NAND flash</td>
<td>32GB – 1TB</td>
<td>Three-year Limited Warranty</td>
<td>530 MB/s</td>
<td>75,000 IOPS</td>
<td>2,000,000 hour(s)</td>
<td>2,940 TB</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

### Appearance
- **Dimensions**: 100 mm x 69.85 mm x 6.8 mm (3.94” x 2.75” x 0.28”)
- **Weight**:
  - SSD220Q: 45 g (1.59 oz)
  - SSD230S: 53 g (1.87 oz)
  - SSD2220S: 45 g (1.59 oz)
  - SSD370S: 57 g (2.01 oz)

### Storage
- **Flash Type**:
  - SSD220Q: QLC NAND flash
  - SSD230S: 3D NAND flash
  - SSD2220S: 3D NAND flash
  - SSD370S: MLC NAND flash
- **Capacity**:
  - SSD220Q: 500GB – 2TB
  - SSD230S: 128GB – 2TB
  - SSD2220S: 120GB – 960GB
  - SSD370S: 32GB – 1TB

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

### Performance
- **Sequential Read/Write (CrystalDiskMark)**:
  - SSD220Q: 550 MB/s, 500 MB/s
  - SSD230S: 560 MB/s, 520 MB/s
  - SSD2220S: 550 MB/s, 500 MB/s
  - SSD370S: 530 MB/s, 460 MB/s
- **4K Random Read/Write (Iometer)**:
  - SSD220Q: 81,000 IOPS, 80,000 IOPS
  - SSD230S: 85,000 IOPS, 89,000 IOPS
  - SSD2220S: 65,000 IOPS, 75,000 IOPS
  - SSD370S: 75,000 IOPS, 75,000 IOPS
- **Mean Time Between Failures (MTBF)**:
  - SSD220Q: 2,000,000 hour(s)
  - SSD230S: 2,000,000 hour(s)
  - SSD2220S: 2,000,000 hour(s)
  - SSD370S: 2,000,000 hour(s)
- **Terabytes Written (TBW)**:
  - SSD220Q: 400 TB
  - SSD230S: 1,120 TB
  - SSD2220S: 320 TB
  - SSD370S: 2,940 TB
- **Drive Writes Per Day (DWPD)**:
  - SSD220Q: 0.19 (3 yrs)
  - SSD230S: 0.3 (5 yrs)
  - SSD2220S: 0.3 (3 yrs)
  - SSD370S: 2.5 (3 yrs)

### Warranty
- **Warranty**:
  - SSD220Q: Three-year Limited Warranty
  - SSD230S: Five-year Limited Warranty
  - SSD2220S: Three-year Limited Warranty
  - SSD370S: Three-year Limited Warranty

### Technology
- **TRIM & NCQ Command**: Yes
- **S.M.A.R.T.**: Yes
- **DDR3 DRAM Cache**: No
- **Advanced Garbage Collection**: Yes
- **DevSleep Mode**: Yes
- **RAID Engine**: No
- **LDPC Coding**: Yes

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