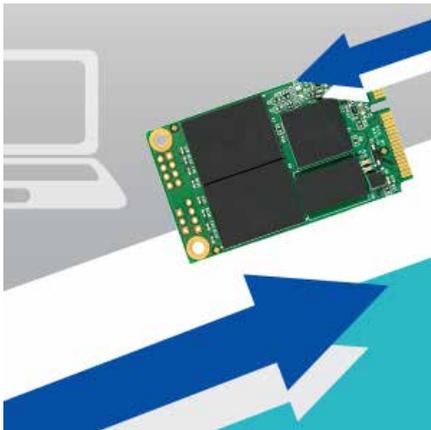


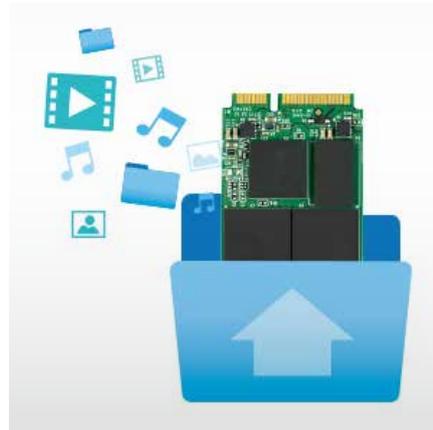


mSATA Solid State Drive  
**mSATA SSD 370**

Supporting the next-generation Serial ATA interface and built around a powerful controller, Transcend's SATA III 6Gb/s mSATA SSD 370 delivers blazing fast performance and long-term reliability. The compact mSATA form factor makes it perfect for use in space-restricted portable devices such as Ultrabooks, tablet PCs, and slim servers.

**Superior upgrade option**

All the speed is back and even faster. By using SATA III 6Gb/s interface, DDR3 DRAM cache, and a powerful controller, the Transcend mSATA SSD 370 provides the ultra-fast transfer speeds of up to 520MB/s read and 400MB/s write, pursuing the great experience in faster boot time and application launching time.

**Up to 256GB capacity**

The mSATA SSD 370 ranges from 16GB to 256GB, giving you more options to suit your demand while storing large multimedia files and applications in faster speed.

**Speed up loading times**

Dedicated to maximizing high-performance computing, the mSATA SSD 370 features maximum 4K random file read 75,000 IOP that delivers incredibly short loading times and almost instant response for heavy graphics and multimedia applications.



## mSATA Solid State Drive

# mSATA SSD 370

### Features

- mSATA form factor and SATA III 6Gb/s interface
- Up to 520MB/s read; 400MB/s write
- MLC NAND flash memory
- Built-in ECC (Error Correction Code) function and wear-leveling algorithm to ensure reliable data transfers
- Supports DevSleep ultra low power state, S.M.A.R.T., TRIM, and NCQ commands




### SSD Scope Software

Transcend SSD Scope is advanced, user-friendly software that makes it easy to ensure your Transcend SSD remains healthy, and continues to run fast and error-free by determining the condition and optimizing the performance of your drive.

### Specifications

#### Appearance

Dimensions (Max.)	50.8 mm x 29.85 mm x 4.85 mm (2.00" x 1.18" x 0.19")
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Weight (Max.)	8 g (0.28 oz)
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#### Interface

Bus Interface	SATA III 6Gb/s
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#### Storage

Flash Type	MLC NAND flash
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Capacity	16 GB/32 GB/64 GB/128 GB/256 GB
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#### Operating Environment

Operating Temperature	0°C (32°F) ~ 70°C (158°F)
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Operating Voltage	3.3V±5%
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#### Performance

Sequential Read/Write (CrystalDiskMark, max.)	Read: 520 MB/s
	Write: 400 MB/s

4K Random Read/Write (IOmeter, max.)	Read: 70,000 IOPS
	Write: 75,000 IOPS

Mean Time Between Failures (MTBF)	1,500,000 hour(s)
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Terabytes Written (Max.)	740 TB
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Drive Writes Per Day (DWPD)	2.6 (3 yrs)
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#### Note

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

#### Warranty

Certificate	CE/FCC/BSMI
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Warranty	Three-year Limited Warranty
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#### Ordering Information

16GB	TS16GMSA370
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32GB	TS32GMSA370
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64GB	TS64GMSA370
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128GB	TS128GMSA370
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256GB	TS256GMSA370
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