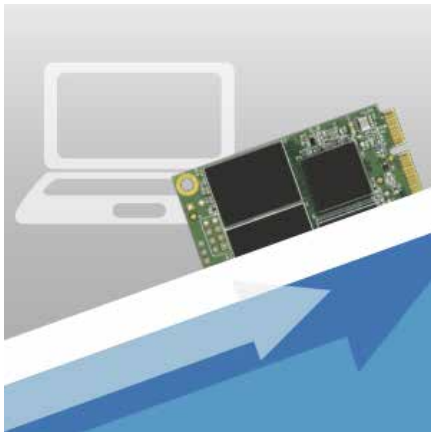


mSATA SSDs

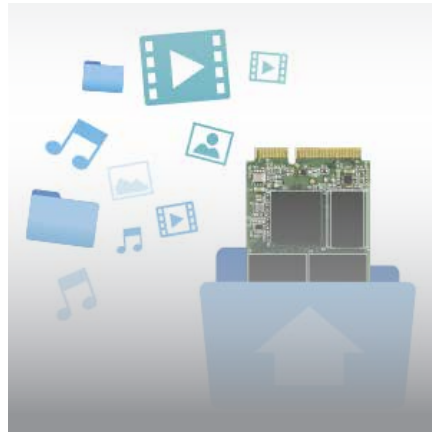
mSATA SSD 230S

Transcend's mSATA SSD 230S uses the SATA III 6Gb/s interface and a powerful controller, delivering blazing-fast performance, long-term reliability, and high cost-effectiveness. The compact mSATA form factor is just one-eighth the size of a standard 2.5" SSD, making it perfect for use in space-constricted portable devices such as Ultrabooks, tablet PCs, and slim servers.



Superior upgrade option

Transcend's mSATA SSD 230S adopts the SATA III 6Gb/s interface, DDR3 DRAM cache, and a powerful controller, providing ultra-fast transfer speeds of up to 560MB/s read and 500MB/s write for faster boot time and application launching time.



Up to 512GB capacity

Transcend's mSATA SSD 230S provides up to 512GB capacity, giving you more options to suit your demands while storing large multimedia files and applications in faster speeds.



Speed up loading times

Dedicated to maximizing high-performance computing, the mSATA SSD 230S features maximum 4K random file read 65,000 IOPS and write 85,000 IOPS that delivers incredibly short loading times and almost instant response for heavy graphics and multimedia applications.



mSATA SSDs

mSATA SSD 230S

Features

- mSATA form factor
- SATA III 6Gb/s interface
- 3D NAND flash
- Engineered with a RAID engine and LDPC (Low-Density Parity Check) coding to ensure data integrity
- Built-in SLC caching technology for exceptional transfer speeds
- Supports DevSleep ultra low power state, S.M.A.R.T., TRIM, and NCQ commands



SSD Scope

SSD Scope features useful functions to maintain your SSD in a healthy status and also copy data from your original HDD to Transcend's new SSD.

Specifications

Appearance

Dimensions	50.8 mm x 29.85 mm x 4.85 mm (2.00" x 1.18" x 0.19")
Weight	9 g (0.32 oz)

Interface

Bus Interface	SATA III 6Gb/s
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Storage

Flash Type	3D NAND flash
Capacity	64 GB / 128 GB / 256 GB / 512 GB

Operating Environment

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

Performance

Read Speed (Max.)	up to 560 MB/s
Write Speed (Max.)	up to 500 MB/s
Mean Time Between Failures (MTBF)	2,000,000 hour(s)
Terabytes Written (TBW)	up to 280 TBW
Drive Writes Per Day (DWPD)	0.5 (3 yrs)

Warranty

Certificate	CE / FCC / BSMI / KC / RCM / UKCA
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Ordering Information

64GB	TS64GMSA230S
128GB	TS128GMSA230S
256GB	TS256GMSA230S
512GB	TS512GMSA230S

Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment.