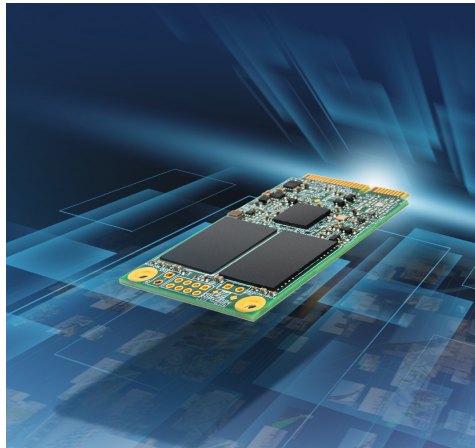mSATA SSDs

mSATA SSD 220S

Transcend's SATA III 6Gb/s mSATA SSD 220S delivers blazing fast performance and long-term reliability. The compact mSATA form factor makes it perfect for use with space-restrictive portable devices such as Ultrabooks, tablet PCs, and slim servers.

Upgrade It Smart...And Fast

Through use of both the SATA III 6Gb/s interface and a powerful controller, the Transcend mSATA SSD 220S provides ultra-fast transfer speeds of up to 560MB/s read and 500MB/s write, resulting in faster boot time and application launch time.
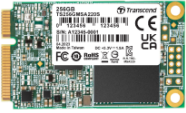
Ample Storage Capacity

With up to 256GB of storage capacity, the mSATA SSD 220S gives you more storage options to suit your many needs, and makes storing large multimedia files and applications an absolute breeze.

High IOPS: Wicked Fast Loading Times

Dedicated to maximizing high-performance computing, the mSATA SSD 220S features maximum 4K random speeds 83,000 IOPS that deliver incredibly short loading times and almost instantaneous response times for heavy graphics and multimedia applications.

mSATA SSDs
mSATA SSD 220S

Features

- 3D NAND flash
- ECC (Error Correction Code) function and wear-leveling algorithm ensure reliable data transfers
- 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	8 g (0.28 oz)

Interface

Bus Interface	SATA III 6Gb/s

Storage

Flash Type	3D NAND flash
Capacity	64 GB / 128 GB / 256 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 83 TBW
Drive Writes Per Day (DWPD)	0.3 (3 yrs)

Warranty

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

Ordering Information

64GB	TS64GMSA220S
128GB	TS128GMSA220S
256GB	TS256GMSA220S

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