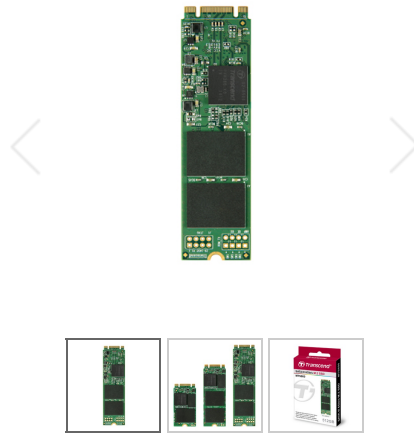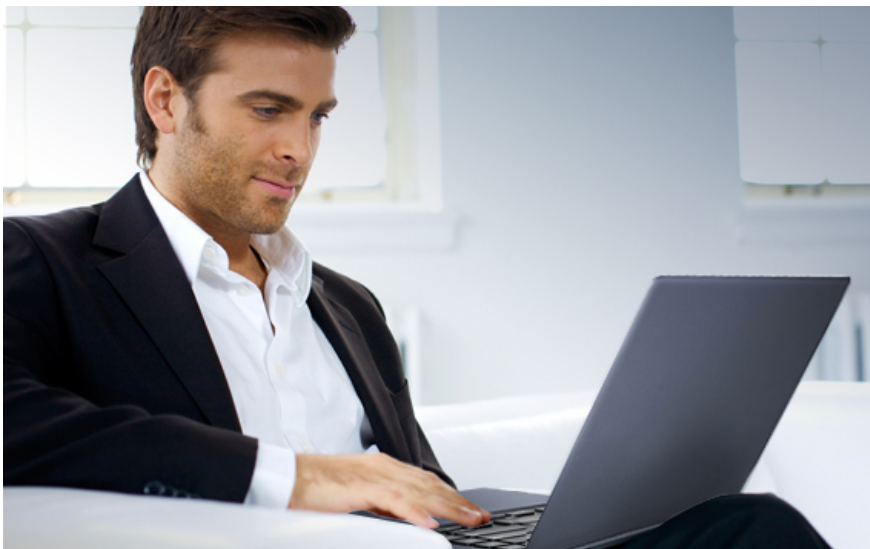# M.2 Solid State Drives



## SATA III 6Gb/s MTS800 M.2 SSD

Transcend's MTS800 M.2 SSD's next generation SATA III 6Gb/s interface and ultra compact dimensions make it best suited to address the high performance needs and strict size limitations of small form factor devices. This means it is perfect for use in today's modern Ultrabooks, thin and light notebooks, and tablets. With the latest SATA III 6Gb/s specification, powerful controller, and exceptional transfer speeds of up to 560MB/s read and 310MB/s write, the M.2 SSD easily handles everyday computing tasks as well as demanding multimedia applications.

## Key Features

- Space-savingM.2 form factor (80mm) – ideal for mobile computing devices
- Supports Power Shield to prevent data loss during a sudden power outage
- Supports DevSleep mode, which allows devices to completely shut down the SATA interface and conserve battery life unlike existing partial/slumber states
- DDR3 DRAM cache
- Supports S.M.A.R.T., TRIM and NCQ command
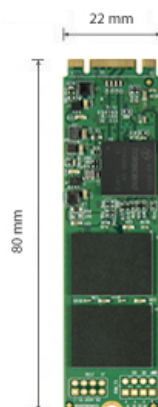- RoHS compliant

## Intel Smart Response Technology

Transcend's SATA III 6Gb/s MTS800 M.2 SSD supports Intel® Smart Response Technology (ISRT), which allows you to configure your computer system with an SSD used as cache memory between the hard disk drive and system memory. This provides the advantage of having a hard disk drive for maximum storage capacity while delivering an SSD-like overall system performance experience.

ISRT works by monitoring which programs and files you access most frequently and stores them on the SSD. As a result, application launch speed and overall system responsiveness are significantly improved, while the large capacity of the hard drive is free to store all your other programs and files. In this configuration, only one drive letter is displayed; no additional drive letter is required for the SSD used as cache.



## Specifications



| Capacity | 32GB, 64G, 128GB, 256GB, 512GB |
|---|---|
| Dimensions | 80.0mm × 22.0mm × 3.5mm (max.) |
| Weight | 11g |
| Storage Media | MLC NAND Flash memory |
| Operating Voltage | DC 3.3V±5% |
| Operating Temperature | 0°C(32°F) to 70°C(158°F) |

| Certificates | CE, FCC, BSMI |
|---|---|
| Warranty | Three-year Limited Warranty*<br>*Please access here for more information about Transcend Warranty Policy. |
| *Note | Speed may vary due to host hardware, software and usage. |
| System Requirements | Desktop or notebook computer with a M.2 (MTS800) interface<br>(A SATA 6Gb/s port is needed for best performance)<br>Required OS:<br>- Windows XP/Vista/7/8<br>- Linux Kernel 2.6.31, or later |

## Order Information

32GB

TS32GMTS800

64GB

TS64GMTS800

128GB

TS128GMTS800

256GB

TS256GMTS800

512GB

TS512GMTS800

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