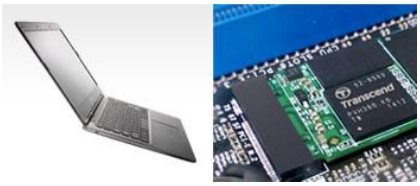

Looking to upgrade your advanced portal devices? Expand the storage capacities of your ultra-thin and light mobile devices with Transcend's SATA III MTS800 M.2 SSD. The MTS series (MTS400/600/800) features high capacities of up to 512GB, ultra compact dimensions, and a next generation SATA III 6GB/s interface, best suited to address the strict size limitations and high performance needs of today's advanced portable devices.

Transcend®
good memories start here

- SATA III 6Gb/s interface & high speed DDR3 DRAM cache
- MTS800 offers high capacity of up to 512GB
- Max. Read 560MB/s, Max. Write 310MB/s
- Space-saving M.2 Type 2280 form factor
- Supports DevSleep ultra low power state and Intel Smart Response Technology
- Supports, TRIM & NCQ, S.M.A.R.T. commands and power shield mechanism

Higher Capacity: MTS800 SATA III 6GB/s M.2 SSD

The MTS800 M.2 SSD's space-saving M.2 type 2280 form factor (80mm × 22mm × 3.5mm) is designed to meet future market demands of ultra-thin and light mobile devices that require an SSD, including Ultrabooks, notebooks, tablets, portable gaming systems, and smartphones. As the needs for memory space have increased, the MTS800 model features an outstanding storage capacity of up to 512GB. It boasts the latest SATA III 6GB/s specification, a powerful Transcend TS6500 controller, a DDR3 DRAM cache, and is comprised of high-quality MLC NAND Flash chips. With exceptional transfer speeds of up to 560MB/s read and 310MB/s write, MTS800 can easily handle everyday computing tasks as well as demanding multimedia applications.

DevSleep and ISRT

The MTS series of M.2 SSDs offers full support of SATA Device Sleep Mode (DevSleep) and Intel Smart Response Technology (ISRT). Portable computer users often make use of low power states such as standby to avoid having to wait for the operating system to boot back up. However, this comes at the expense of battery life. DevSleep allows compatible mobile devices to completely power off the SATA interface when not in use while maintaining a fast response time of less than 20ms, offering instant-on capabilities akin to a smartphone. With ISRT, users can configure their 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.

Continued Reliable Performance

Despite their extra-small dimensions, the MTS series of M.2 SSDs come equipped with advanced features such as TRIM and NCQ support, built-in ECC, wear leveling and intelligent block management. The series supports enhanced S.M.A.R.T. commands, advanced power shield mechanism, and excellent shock resistance, providing exceptional long-term reliability and data protection.

Specification – Choosing the right SSD for your system

Model	MTS400	MTS600	MTS800
Drive Image			
Capacity	32GB, 64GB, 128GB, 256GB	32GB, 64GB, 128GB, 256GB, 512GB	32GB, 64GB, 128GB, 256GB, 512GB
Max. Read/Write	560MB/s	560MB/s	
Max. Write	160MB/s	310MB/s	
Max. Random 4k Read	70k IOPS	75K IOPS	
Max. Random 4k Write	40k IOPS	75K IOPS	
Form Factor	M.2 Type 2242	M.2 Type 2260	M.2 Type 2280

Interface	SATA III 6GB/s		
Dimensions	22mm x 42mm x 3.5mm	22mm x 60mm x 3.5mm	22mm x 80mm x 3.5mm
Warranty	Three-year Limited		

1GB = 1 billion bytes. A certain portion of the storage capacity may be reserved for firmware and maintenance use.

*Performance varies by capacity, user hardware and system configuration.
Please see Transcend website for additional warranty details and limitations.