



SATA III M.2 SSDs
M.2 SSD 400S

Transcend's SATA III 6Gb/s M.2 SSD 400S boasts ultra compact dimensions to address the high performance needs and strict size limitations of small form factor devices, best suited for Ultrabooks and thin, light notebooks. Featuring a powerful controller, exceptional transfer speeds, and MLC NAND flash memory, the M.2 SSD 400S easily handles everyday computing tasks as well as demanding multimedia applications, delivering steadfast reliability.



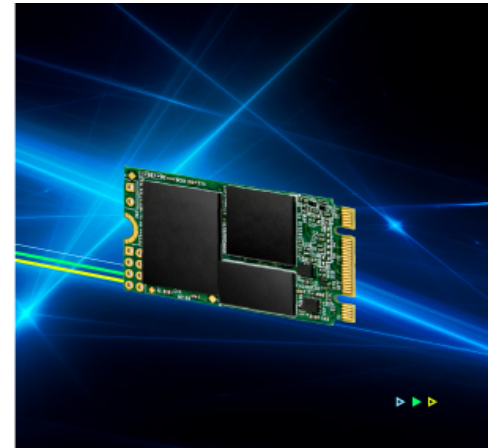
MLC NAND flash inside

Transcend's M.2 SSD 400S is manufactured with reliable, top-tier MLC NAND flash memory to ensure superior stability and endurance, making it well-suited to high-end applications.



Perfect for your Ultrabook

Compliant with all M.2 form factors from Type 2242, 2260, to 2280, Transcend's MLC M.2 SSDs are perfect for use in Ultrabooks and lightweight notebooks. Measured at just 42mm in length, the M.2 SSD 400S makes for an easy upgrade to your computer, taking up little space while giving it a much needed energy boost.



Superior transfer speeds

Featuring the M.2 standard (42mm), the next generation SATA III 6Gb/s interface and a powerful controller, Transcend's M.2 SSD 400S reaches incredible read and write speeds of up to 500MB/s and 150MB/s. When used as a cache, the M.2 SSD 400S provides 1.5 times faster boot time than conventional hard drives.



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Features

- Space-saving M.2 Type 2242 form factor
- MLC NAND flash
- DDR3 DRAM cache shortens access times
- Supports DevSleep ultra low power state, S.M.A.R.T., TRIM, and NCQ commands
- ECC (Error Correction Code) function and wear-leveling algorithm ensure reliable data transfers



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	42.0 mm x 22.0 mm x 3.58 mm (1.65" x 0.87" x 0.14")
Weight	5 g (0.18 oz)
Type	M.2 2242

Interface

Bus Interface	SATA III 6Gb/s
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Storage

Flash Type	MLC NAND flash
Capacity	32 GB / 64 GB / 128 GB

Operating Environment

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

Performance

Read Speed (Max.)	up to 500 MB/s
Write Speed (Max.)	up to 150 MB/s
Mean Time Between Failures (MTBF)	1,500,000 hour(s)
Drive Writes Per Day (DWPD)	2.5 (3 yrs)
Terabytes Written (TBW)	up to 300 TBW

Note
Speed may vary due to host hardware, software, usage, and storage capacity.
The workload used to rate DWPD may be different from your actual workload, which may vary due to host hardware, software, usage, and storage capacity.
Terabytes Written (TBW) expresses the endurance under the highest capacity.

Warranty

Certificate	CE / FCC / BSMI / KC / RCM
Warranty	Three-year Limited Warranty

Ordering Information

32GB	TS32GMTS400S
64GB	TS64GMTS400S
128GB	TS128GMTS400S

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