



PCIe M.2 SSDs

PCIe SSD 410S

Transcend's PCIe Gen 4x4 M.2 SSD MTE410S has a compact form factor and high-quality 3D NAND flash, making it easy to upgrade Ultrabooks, lightweight notebooks, tablets, and handheld gaming PCs. It is designed with multiple firmware optimization technologies, such as SLC caching and the LDPC ECC mechanism, which help to improve both storage reliability and extend the drive lifespan. The MTE410S is a fantastic choice for boosting the performance of modern work platforms.



Blazing Fast

Featuring a high-speed PCIe Gen 4x4 interface, Transcend's MTE410S SSD delivers lightning-fast transfer speeds. Transcend's MTE410S offers optimal peak performance without consuming minimal power in your ultra-thin devices.



Upgrade Your Slim Devices

At just 42mm in length, Transcend's MTE410S SSD is ideal for Ultrabooks, lightweight notebooks, tablets, and handheld gaming PCs. With a single-sided design, Transcend's MTE410S SSD gives your device a much-needed boost while being space-efficient!



Low Power Consumption

Transcend's MTE410S is a non-DRAM energy-efficient SSD, which effectively reduces power consumption and enhances energy efficiency at a more affordable price point.



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Features

- 3D NAND flash
- Space-saving M.2 Type 2242 form factor
- PCIe Gen4 x4 interface and meets NVMe 1.4 standard
- 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	Single-sided: 42 mm x 22 mm x 2.23 mm (1.65" x 0.87" x 0.09")
Weight	5 g (0.18 oz)
Type	M.2 2242

Interface

Bus Interface	NVMe PCIe Gen4 x4
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Storage

Flash Type	3D NAND flash
Capacity	256 GB / 512 GB / 1 TB / 2 TB

Operating Environment

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

Performance

Sequential Read/Write (CrystalDiskMark)	Read: Up to 5,000 MB/s Write: Up to 4,300 MB/s
4K Random Read/Write (IOMeter)	Read: Up to 570,000 IOPS Write: Up to 700,000 IOPS
Mean Time Between Failures (MTBF)	2,000,000 hour(s)
Drive Writes Per Day (DWPD)	0.33 (5 yrs)
Terabytes Written (TBW)	Up to 1200 TBW

Warranty

Certificate	CE / UKCA / FCC / KC / RCM
Warranty	Five-year Limited Warranty

Ordering Information

256GB	TS256GMTE410S
512GB	TS512GMTE410S
1TB	TS1TMTE410S
2TB	TS2TMTE410S

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