



PCIe M.2 SSDs

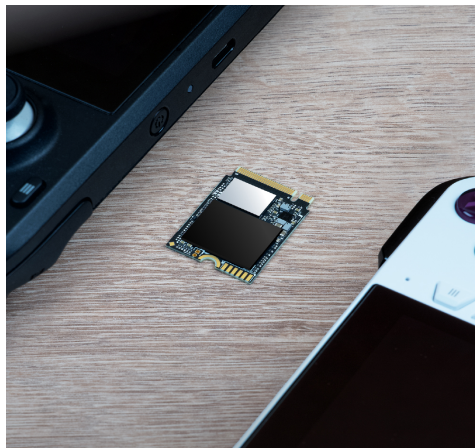
PCIe SSD 310S

Transcend's PCIe M.2 SSD MTE310S has a compact form factor and high-quality 3D NAND flash, making it easy to upgrade a myriad of devices, from Ultrabooks and lightweight notebooks, to tablets and handheld gaming PCs. It is designed with multiple firmware optimization technologies, such as SLC caching and the LDPC ECC mechanism, both of which improve storage reliability and extend the drive lifespan. Ultimately, the MTE310S is a fantastic choice for enhancing overall performance and efficiency in the modern workplace.



PCIe 4.0 Blazing-Fast Speeds

Transcend's PCIe SSD MTE310S is designed with the super-fast PCIe Gen 4x4 interface which offers up to 5,000 MB/s read and 3,500 MB/s write speeds, delivering shorter loading times and superior performance for slim devices.



An Ideal Storage Upgrade For Slim Devices

Transcend's MTE310S features M.2 2230 form factor, ideal for Ultrabooks, lightweight notebooks, tablets, and handheld gaming consoles. Thinner and lighter when compared to a normal SSD, the MTE310S SSD gives your device a much-needed boost while also saving space.



Larger Than You Think

Built with high-quality 3D NAND flash, the MTE310S SSD unleashes up to 1TB of capacity for your slim devices, greatly increasing storage space while also enhancing overall computing efficiency.



PCIe M.2 SSDs PCIe SSD 310S

Features

- Space-saving M.2 Type 2230 form factor
- PCIe Gen4 x4 interface and meets NVMe 1.4 standard
- 3D NAND flash
- Built-in SLC caching technology for exceptional transfer speeds



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: 30.0 mm x 22.0 mm x 2.23 mm (1.18" x 0.87" x 0.09")
Weight	4 g (0.14 oz)
Type	M.2 2230

Interface

Bus Interface	NVMe PCIe Gen4 x4
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Storage

Flash Type	3D NAND flash
Capacity	512 GB / 1 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 3,500 MB/s
4K Random Read/Write (IOmeter)	Read: Up to 330,000 IOPS Write: Up to 690,000 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 600 TBW

Warranty

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

Ordering Information

512GB	TS512GMTE310S
1TB	TS1TMTE310S

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