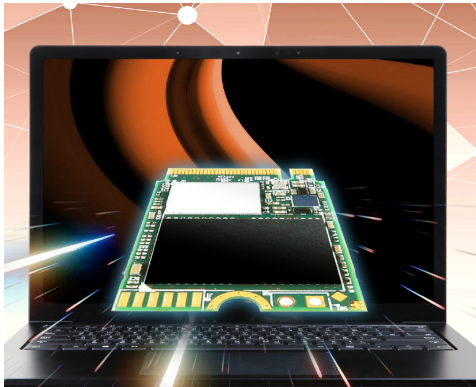




## PCIe M.2 SSDs

# PCIe SSD 300S

Transcend's PCIe M.2 SSD MTE300S 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, including SLC caching and LDPC ECC mechanism, which improve storage reliability and extend the drive lifespan. The MTE300S is a great choice for boosting the performance of modern work platforms.



### Ready for the Best

Featuring the M.2 standard (30mm), a fast PCIe Gen3x4 interface, up to 2,000 MB/s read and 1,100MB/s write speeds, Transcend's MTE300S SSD is more advanced and efficient than a SATA SSD. The MTE300S delivers higher speeds without sacrificing power to your ultra-thin devices.



### Optimized for Small, Thin Devices

At just 30mm in length, the MTE300S SSD is ideal for Ultrabooks, lightweight notebooks, tablets, and handheld gaming PCs. Thinner and lighter than normal hard drives, the MTE300S SSD gives your computer a much-needed boost while saving space!



### High Productivity Anytime, Anywhere

Dedicated to maximizing system performance, the MTE300S SSD features 4K random file read and write speeds of up to 220,000 IOPS. It delivers faster loading and response times when using applications that require high graphics or heavy computing.



## PCIe M.2 SSDs PCIe SSD 300S

### Features

- 3D NAND flash
- Space-saving M.2 Type 2230 form factor
- PCIe Gen3 x4 interface and meets NVMe 1.3 standard
- 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 Gen3 x4
---------------	-------------------

#### Storage

Flash Type	3D NAND flash
Capacity	256 GB / 512 GB

#### 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 2,000 MB/s Write: up to 1,100 MB/s
4K Random Read/Write (IOmeter)	Read: up to 90,000 IOPS Write: up to 220,000 IOPS
Mean Time Between Failures (MTBF)	2,000,000 hour(s)
Drive Writes Per Day (DWPD)	0.21 (5 yrs)
Terabytes Written (TBW)	up to 200 TBW

#### Warranty

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

### Ordering Information

256GB	TS256GMTE300S
512GB	TS512GMTE300S

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