



PCIe M.2 SSDs

## PCIe SSD 260S

Transcend's PCIe Gen5 SSD MTE260S is built for next-generation speed and reliability, featuring the latest PCI Express® Gen5 x4 interface, advanced 3D NAND flash, and DDR4 DRAM cache. Powered by a low-power controller and enhanced with a graphene heatsink, it delivers exceptional speed, stability, and efficiency. Whether you're immersed in AAA gaming, handling 4K/8K video production, or running demanding AI applications, the MTE260S ensures ultra-fast loading and instant responsiveness—unlocking the full potential of your system.



### Next-Level Speed Starts Here.

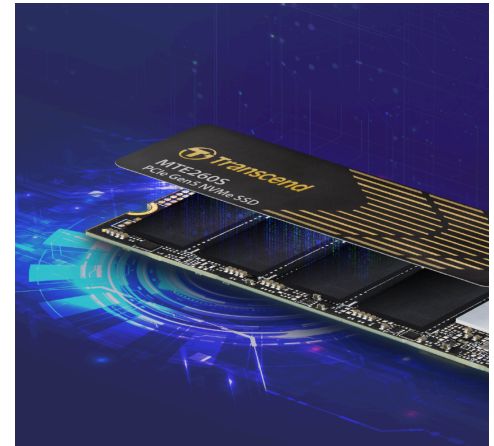
Transcend's PCIe SSD MTE260S complies with the NVMe 2.0 standard, supporting the PCIe™ Gen5 x4 interface, delivering sequential R/W speeds to 14,500/13,500 MB/s, and random speeds to 2,000K IOPS, providing captivating performance and response times for high-end gaming computers and AI-powered systems.

Note: Performance is based on CrystalDiskMark v6.0.2.



### PCIe 5.0: Beyond Fast.

Transcend's MTE260S features the new PCIe 5.0 specification, supporting a bandwidth of 32 GT/s per lane. Backwards compatible with PCIe 4.0, PCIe 5.0 unleashes higher transfer speeds and guarantees lower system latency. For advanced gamers, this means a more seamless and immersive experience.



### Cool Speed. Low Power.

The Transcend PCIe SSD MTE260S features a cutting-edge 6nm low-power controller that ensures long-lasting power efficiency and reduced heat generation. Combined with an integrated graphene heatsink, it enhances thermal dissipation to maintain stable, high-speed performance. Whether you're binge-watching, editing videos, or diving into AAA gaming titles, the MTE260S stays cool and efficient—no thermal throttling, no power spikes, just seamless performance.



## PCIe M.2 SSDs

# PCIe SSD 260S

## Features

- Space-saving M.2 Type 2280 form factor
- Graphene heatsink and dynamic thermal throttling mechanism for higher stability
- 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

Type	M.2 2280
Dimensions	Double-sided: 80 mm x 22 mm x 3.77 mm (3.15" x 0.87" x 0.15")
Weight	10 g (0.35 oz)

### Interface

Bus Interface	NVMe PCIe Gen5 x4
---------------	-------------------

### Storage

Flash Type	3D NAND flash
Capacity	1 TB / 2 TB / 4 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 14,500 MB/s Write: Up to 13,500 MB/s
4K Random Read/Write (IOMeter)	Read: Up to 2,000,000 IOPS Write: Up to 1,400,000 IOPS
Mean Time Between Failures (MTBF)	2,000,000 hour(s)
Drive Writes Per Day (DWPD)	0.411 (5 yrs)
Terabytes Written (TBW)	Up to 3,000 TBW

### Warranty

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

## Ordering Information

1TB	TS1TMTE260S
2TB	TS2TMTE260S
4TB	TS4TMTE260S