

SAMSUNG



T7 Shield

Rugged portable SSD

Built to endure, spaced to inspire



Rugged durability

With IP65-certified durability, T7 Shield provides consumers with the assurance their data will remain protected even if the portable SSD is dropped or exposed to challenging environmental conditions. Despite the new rubberized rugged design, the T7 Shield provides industry-leading performance in a very small form factor, the size of credit card in three colours and two capacities, making it suitable for a wide range of use cases.

Content Professionals

(Photographer, Filmmaker, Adventurer)

Multi-connect users

(Diverse purpose, Multiple devices, Outdoor users)



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Create at full speed

Transfer huge files instantly. USB 3.2 Gen 2 and PCIe® NVMe™ achieve soaring sequential read/write speeds of 1,050/1,000MB/s for lag-free editing directly from the drive. The high-tech rubber exterior with Dynamic Thermal Guard controls heat to maintain steady performance for even giant projects.



Sequential reads up to
1,050 MB/s

Sequential writes up to
1,000 MB/s



UP TO
9.5X
FASTER
THAN AN EXTERNAL
HDD

Performance may vary depending on host configuration. To reach maximum read/write speeds of 1,050/1,000MB/s, respectively, the host device and connection cables must support USB 3.2 Gen 2 and the USAP mode must be enabled.

Test system configuration: ASUS Z270 ROG MAXIMUS IX HERO (USB 3.2 Gen 2 Type-C), Intel® Core™ i7-7700K CPU @ 4.20Hz, OS-Windows 10 19H2

Mighty tough

Ready for the tough rumble. Shoot at location and wander the wild, while feeling confident that your data is securely resistant against water and dust with an IP65 rating. The rugged design and advanced outer elastomer add extra durability to even endure a 3-meter drop.



WATER, DUST & DROP RESISTANCE

This device has a IP65 rating based on internal testing conducted under controlled conditions. Water, dust and drop resistance capabilities may vary depending on the actual environmental conditions.

Damage caused by liquid, dust and drops are not covered under warranty.

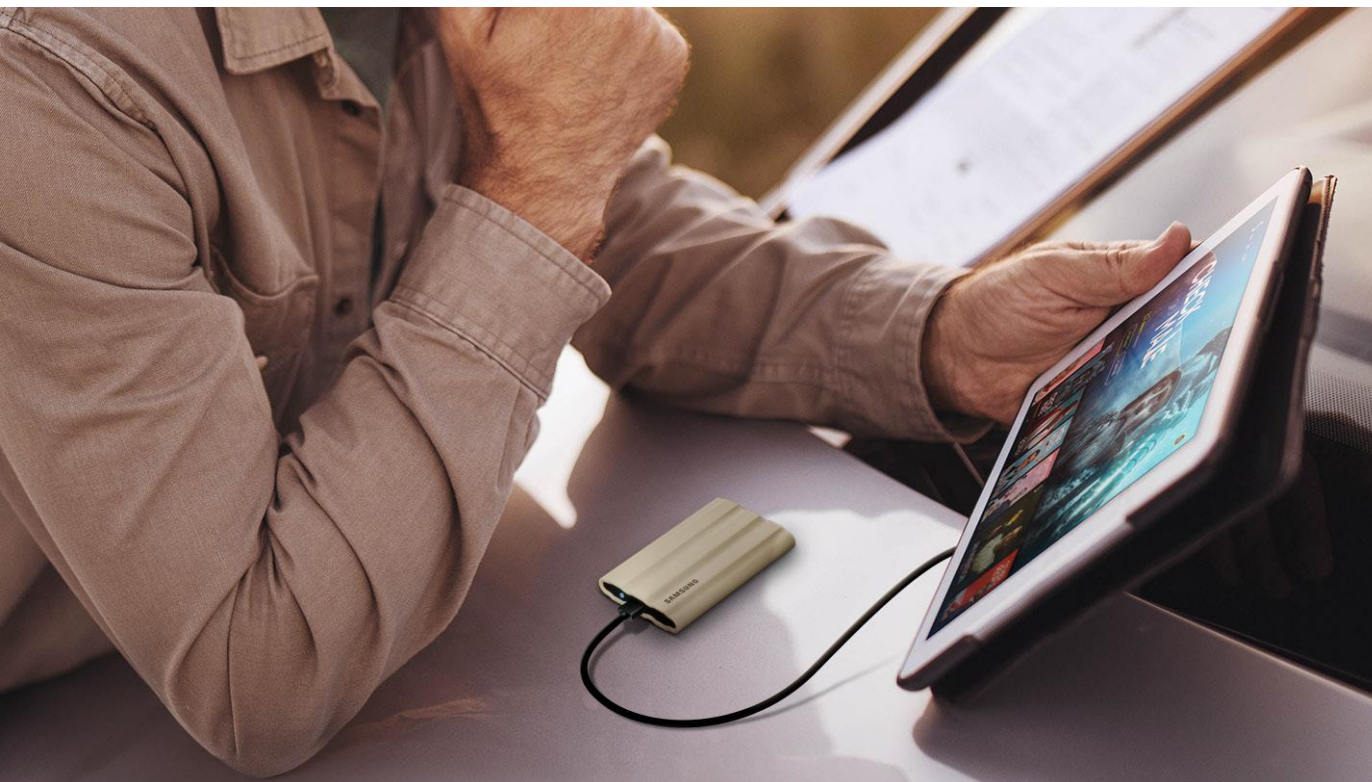
Device survived 3-meter high free-fall to a metal plate for 4 times.

IPX5 Test condition: Device was exposed to fresh water projected from a nozzle ($\Phi 6.3\text{mm}$) 3 meters away at 12.5L/min for 3 minutes.

IP6X Test condition: Device was exposed to 2kg/m^3 of active dust with a pressure under 2kPa for 8 hours in a vacuum chamber.

Wide compatibility

Effortlessly connect to the tech you use throughout the day: Macs, PCs, Android devices, gaming consoles, and more. Add portable convenience to every part of your life.



Compatibility with T7 Shield may vary depending on the host device. Some operating systems may require T7 Shield reformatting.

T7 Shield is compatible with USB 3.0 and USB 2.0.

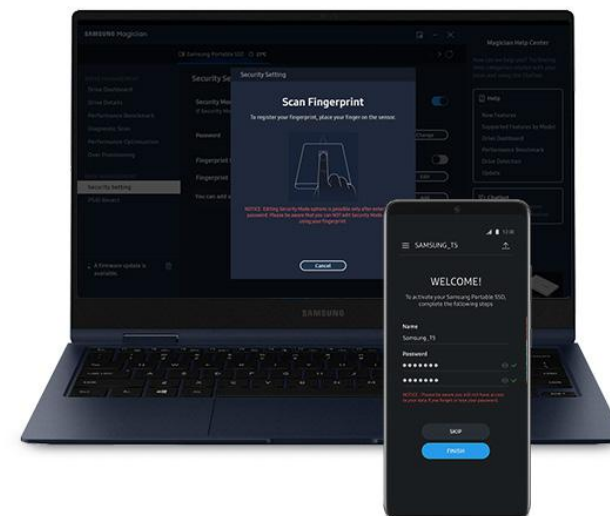
The T7 Shield complies with official USB power specifications. If the host device does not comply with those specifications, there may be compatibility issues and/or reduced performance.

Management software

Set your password and get the latest firmware updates with Samsung portable SSD software, available in Macs, PCs and Android devices. You can also check your drive's health, boost performance and protect data with Samsung Magician Software.

Software require Windows 7, Mac OS X10.10, Android 5.1(Lollipop), or higher. Older versions of the Windows, Mac, and Android operating systems may not be supported.

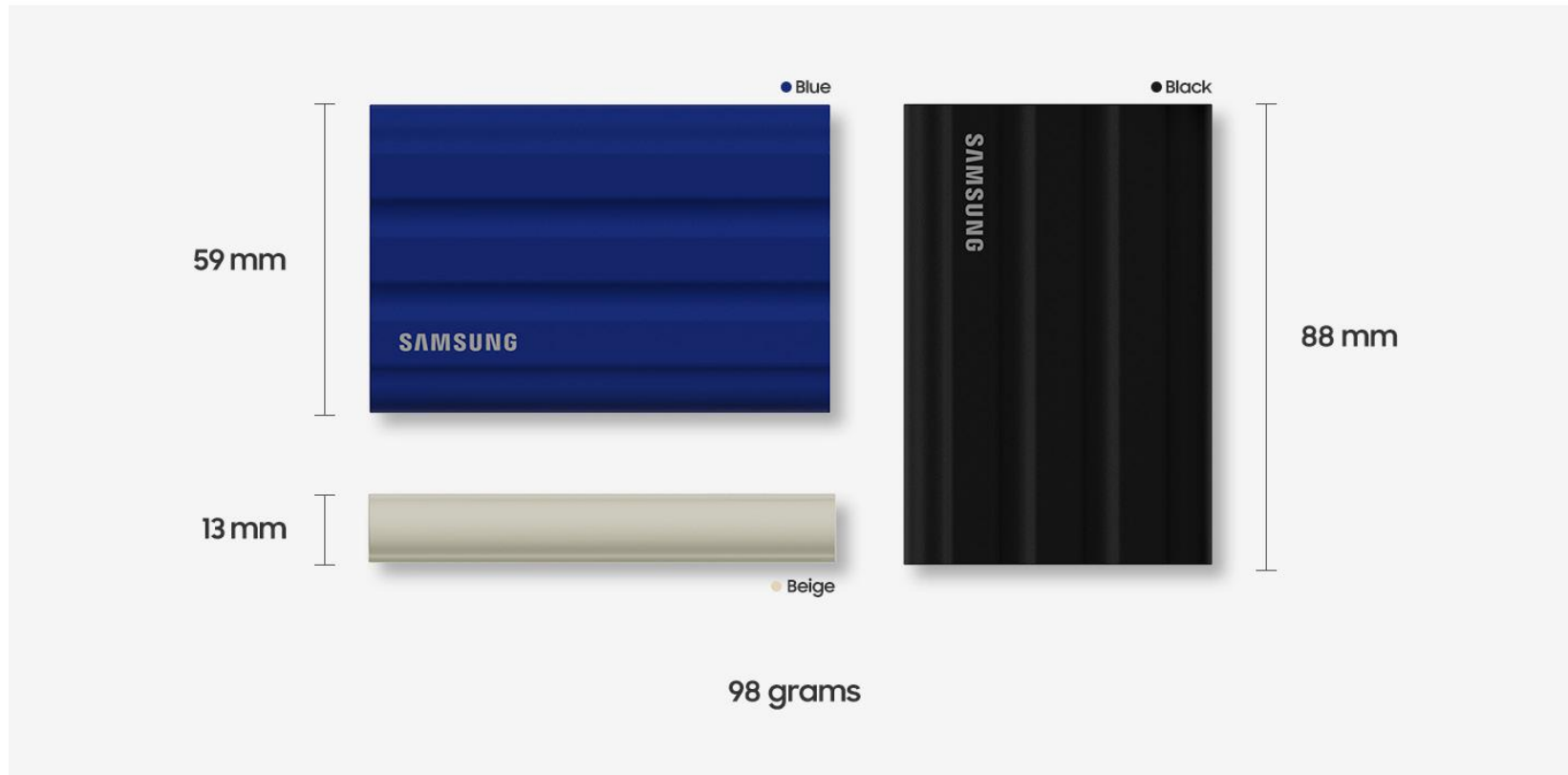
Firmware update requires use of PC or Mac and access to internet connection. Android app available on Google Play. Samsung Magician Software only available in Windows.



Pick your perfect fit

Take your pick. 1TB or 2TB gives you colossal space in sleek colourways of blue, beige, or black. The stylish rubberized grip prevents slips so it stays in your hands. Bring everything with you, and look great doing it.

1TB 2TB



1GB=1,000,000,000 bytes, 1TB=1,000,000,000,000 bytes.

The actual product weight and size may vary depending on the product's capacity and measurement method.

Specification

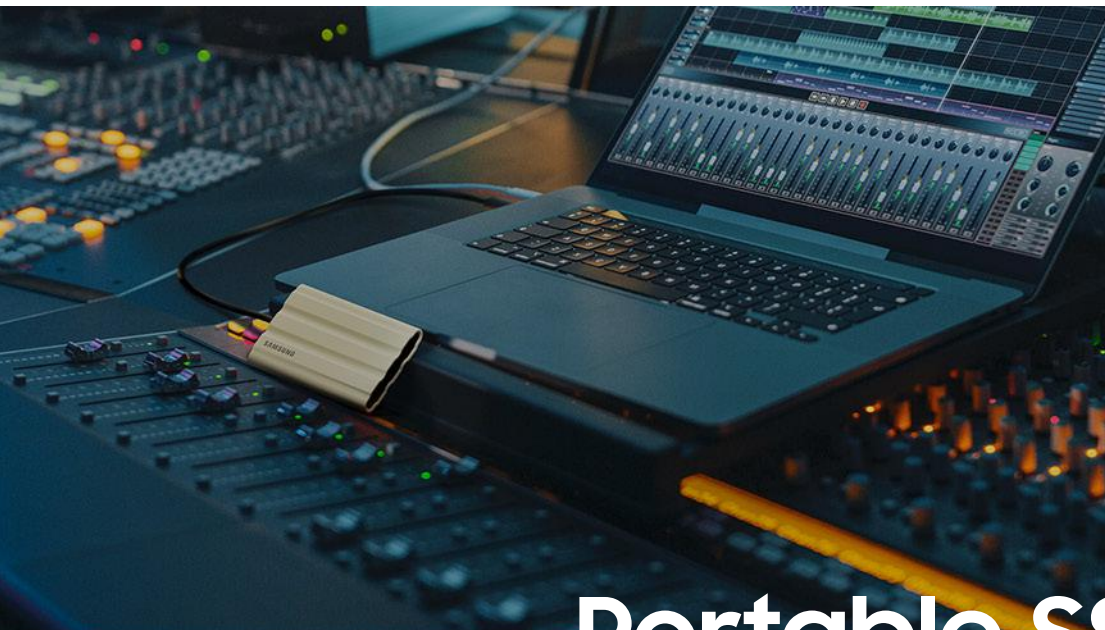
T7 Shield	
Capacity ¹	1TB/2TB
Interface	USB 3.2 (Gen2, 10Gbps) Backwards Compatible
Compatibility	Windows 7 or higher Mac OS X 10.10 or higher Android Lollipop or higher
Dimensions (L x W x H)	88.15 x 59.0 x 13.0 mm (3.5 x 2.3 x 0.5 inches)
Weight ²	98.5 grams (3.47 oz)
Performance ³	Sequential read/write speeds of 1,050/1,000MB/s
UASP Mode	Support
Software	Samsung Portable SSD Software 1.0 Magician 7.0
Encryption	AES 256-bit hardware encryption
Security	Password protection (optional)
Certification	CE, BSMI, KC, VCCI, C-tick, FCC, IC, UL, TUV, CB
RoHS Compliance	RoHS2
Durability	IP65-rated for water and dust resistance
Warranty	3-year limited warranty

¹1GB=1,000,000,000 bytes, 1TB=1,000,000,000,000 bytes.

²The actual product weight and size may vary depending on the product's capacity and measurement method.

³Performance may vary depending on host configuration and user system environment.





Portable SSD T7 Shield

