

Rugged, fast, and compact.

The Samsung portable SSD T7 shield provides high performance on-the-go, no matter the terrain. The T7 Shield achieves fast read/read write speeds while also having a rugged design on the outside, making data easily accessible while keeping it safe.¹ The rugged design and it's IP65 rating for water and dust resistance give you the durability you need to help take your data with you, to every part of your life.²

¹Compatibility 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. ²This device has a IP65 rating based on internal testing conducted under controlled conditions. Water and dust resistance capabilities may vary depending on the actual environmental conditions. Damage caused by liquid and dust are not covered under warranty. IPX5 Test condition: Device was exposed to fresh water projected from a nozzle (Ø6.3mm) 3 meters away at 12.5 l/min for 3 minutes. IP6X Test condition: Device was exposed to 2kg/m³ of active dust with a pressure under 2kPa for 8 hours in a vacuum chamber.



- 1TB** MU-PE1T0S/AM | UPC 887276543901
- 2TB** MU-PE2T0S/AM | UPC 887276545530
- 4TB** MU-PE4T0S/AM | UPC 887276543918

Key Features



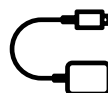
Keep cool at high speed

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 direct from the drive. The high-tech rubber exterior with Dynamic Thermal Guard controls heat to maintain steady performance for even giant projects.²



Mighty rugged

Ready for the rough and tumble. Shoot on location and wander the wild while feeling confident 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 9.8 foot drop.³



Compatible with your devices

Stay connected to all of your professional devices including Mac, Windows and Android when it's time to get to work, and transition to game mode with ease thanks to T7 Shield's gaming console compatibility.⁴



World's #1 Flash Memory Brand

Experience the performance and reliability that you can only get from the world's number one brand for flash memory since 2003. All firmware and components, including Samsung's world-renowned DRAM and NAND, are produced in-house, allowing end-to-end integration for quality you can trust.⁶

¹Performance may vary depending on host configuration. To reach maximum read/write speeds of up to 1,050/1,000MB/s, respectively, the host device and connection cables must support USB 3.2 Gen2 and the UASP mode must be enabled. For detailed information, please refer to the FAQs. Test system configuration: ASUS Z270 ROG MAXIMUS IX HERO (USB 3.2 Gen2 Type-C), Intel(R) Core(TM) i7-7700K CPU @ 4.20GHz, OS- Windows 10 19H2. ²Simulated image. T7 Shield is rated as IP65 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 drop are not covered under warranty. IPX5 Test condition: Device was exposed to fresh water projected from a nozzle (Ø6.3mm) 3 meters away at 12.5 l/min for 3 minutes. IP6X Test condition: Device was exposed to 2kg/m³ of active dust with a pressure under 2kPa for 8 hours in a vacuum chamber. Drop test condition: Device was dropped free-fall to a metal plate from 3-foot height. ³Compatibility 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. ⁴1GB=1,000,000,000 bytes, 1TB=1,000,000,000,000 bytes. Lower capacity may be demonstrated by your computer due to use of a different measurement standard. The actual product weight and size may vary depending on the product's capacity and measurement method. ⁶Source: 2003-2021 OMDIA data: NAND suppliers' revenue market share.



Specifications

Capacity	1TB/2TB/4TB
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 x 59 x 13 mm (3.5 x 2.3 x 0.5 inches)
Weight	98 grams (3.5 oz)
Performance	Up to 1,050MB/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	Limited 3-year

1TB 2TB 4TB

Portable SSD T7 Shield

