

SAMSUNG



Portable SSD
Transfer faster, store safer

Pick your perfect fit

Find the Portable SSD that caters to your lifestyle and purposes. Samsung's Portable SSD lineup boasts a wide range of options including professional-grade for super-fast transfer speeds, tough and durable for outdoor adventurers, well-rounded and reliable for ordinary, everyday usage.



T9

Blazing fast speed,
Carbon pattern design



T7 Shield

Superfast speed,
Rugged design



T7

Superfast speed,
Sleek design



T5 EVO

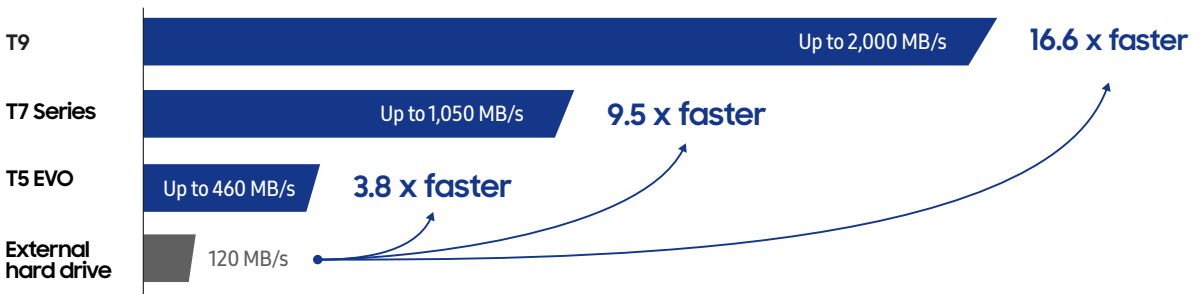
Fast speed,
hook design

Color	●	● ● ●	● ●	●
Interface	USB 3.2 Gen 2x2 (20 Gbps)	USB 3.2 Gen 2 (10 Gbps)	USB 3.2 Gen 2 (10 Gbps)	USB 3.2 Gen 1 (5 Gbps)
Speed	Up to 2,000 MB/s	Up to 1,050 MB/s	Up to 1,050 MB/s	Up to 460 MB/s
Capacity	1TB, 2TB, 4TB	1TB, 2TB, 4TB	1TB, 2TB, 4TB	2TB, 4TB, 8TB
Durability	Up to 3 meters drop resistant	Up to 3 meters drop resistant, Dust and water resistant (IP65)	Up to 2 meters drop resistant	Up to 2 meters drop resistant
Warranty	5 years limited warranty	3 years limited warranty	3 years limited warranty	3 years limited warranty

Boosted workflow

Transfer speed

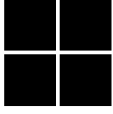
*Based on internal test results. Tested external hard drive: HX-MK40JI3(2TB)



Focus on what really matters by saving time on data transfers. Based on NVMe™ protocol, Samsung PSSDs boast transfer speeds up to 16 times that of external hard drives.

Universal compatibility

Sync your gears seamlessly with Samsung portable SSD. It is compatible with Windows®, macOS®, Android™ phones and tablets, gaming consoles and more.



Windows®



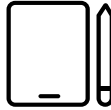
macOS®



Android™



PC, Laptop



Tablets



Smartphones



Optimal thermal control

Equipped with Samsung's Dynamic Thermal Guard, the Samsung portable SSD minimizes potential performance drop from overheating and sustains fast transfer speeds.

Samsung Magician software

Samsung Magician software - a user-friendly suite of optimization tools ensures the best portable SSD performance. Protect valuable data, monitor drive health, and get the latest firmware updates.



Firmware update



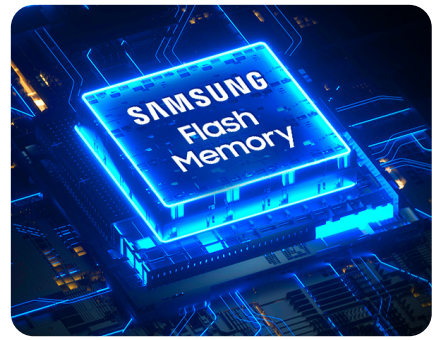
Integrative drive health check



Security setting

Bringing innovations to life

For decades, Samsung's NAND flash memory has powered groundbreaking technologies that have changed every part of our daily lives. This NAND flash technology also powers our consumer SSDs, making room for the next big push of innovation.



Specifications

Model	T9	T7 Shield	T7	T5 EVO
Interface	USB 3.2 Gen 2x2 (20 Gbps)	USB 3.2 Gen 2 (10 Gbps)	USB 3.2 Gen 2 (10 Gbps)	USB 3.2 Gen1 (5 Gbps)
Capacity ¹⁾	1TB, 2TB, 4TB	1TB, 2TB, 4TB	1TB, 2TB, 4TB	2TB, 4TB, 8TB
Sequential read speed ²⁾	Up to 2,000 MB/s	Up to 1,050 MB/s	Up to 1,050 MB/s	Up to 460 MB/s
Sequential write speed ²⁾	Up to 2,000 MB/s	Up to 1,000 MB/s	Up to 1,000 MB/s	Up to 460 MB/s
Dimension (WxHxD) ³⁾	88 x 60 x 14 mm	88 x 59 x 13 mm	85 x 57 x 8 mm	40 x 95 x 17 mm
Weight ³⁾	122 grams	98 grams	72 grams	102 grams
Durability ⁴⁾	Up to 3 meters drop resistant	Up to 3 meters drop resistant	Up to 2 meters drop resistant	Up to 2 meters drop resistant
Encryption	AES 256-bit hardware encryption			
Management SW	Samsung Magician software			
OS compatibility ⁵⁾	Windows®, macOS®, Android™			
Compatible devices ⁵⁾	PCs, Laptops, Smartphones, Tablets, Game consoles, Smart TVs, Cameras			
Cables	USB-C® to C, USB-C® to A	USB-C® to C, USB-C® to A	USB-C® to C, USB-C® to A	USB-C® to C
UASP mode	Supported			
Certification	CE, BSMI, KC, VCCI, RCM, FCC, IC, UL, TUV, CB, EAC, UKCA, BIS			
RoHS compliance	RoHS 2			
Warranty ⁶⁾	5 years limited warranty	3 years limited warranty	3 years limited warranty	3 years limited warranty

1) 1GB=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.

2) Performance may vary depending on host configuration. To reach maximum read/write speeds of the product, respectively, the host device and connection cables must support interface of the product and the UASP mode must be enabled.

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

4) Based on internal testing conducted under controlled conditions. Durability capabilities may vary depending on the actual environmental conditions.

No warranty is provided for any physical damage to the product, such as bending, deformation, damage resulting from liquid or dust.

5) Compatibility with host devices may vary. Some operating systems may require product reformatting.

6) Samsung Electronics shall not be liable for any losses or damages, including but not limited to loss of, damage to, or corruption of data or information stored on user's Samsung Electronics products or storage devices, or loss of profit or revenue which may be incurred by user. For more information on warranty, please visit <https://semiconductor.samsung.com/consumer-storage/support/warranty>

For more information

For more information about Samsung Portable SSD, please visit <https://samsung.com/portable-ssd>

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