

MY PORTABLE PORTFOLIO

Stunning performance inside, stylish design outside

Enjoy the new fast, safe, and stylish portable SSD from Samsung

Samsung Portable SSD **T1**



Samsung Portable SSD T1

The fast, safe and stylish way to store your files

SAMSUNG

Capture, store and protect the priceless moments of your life

Evolve to the next small thing in digital media storage

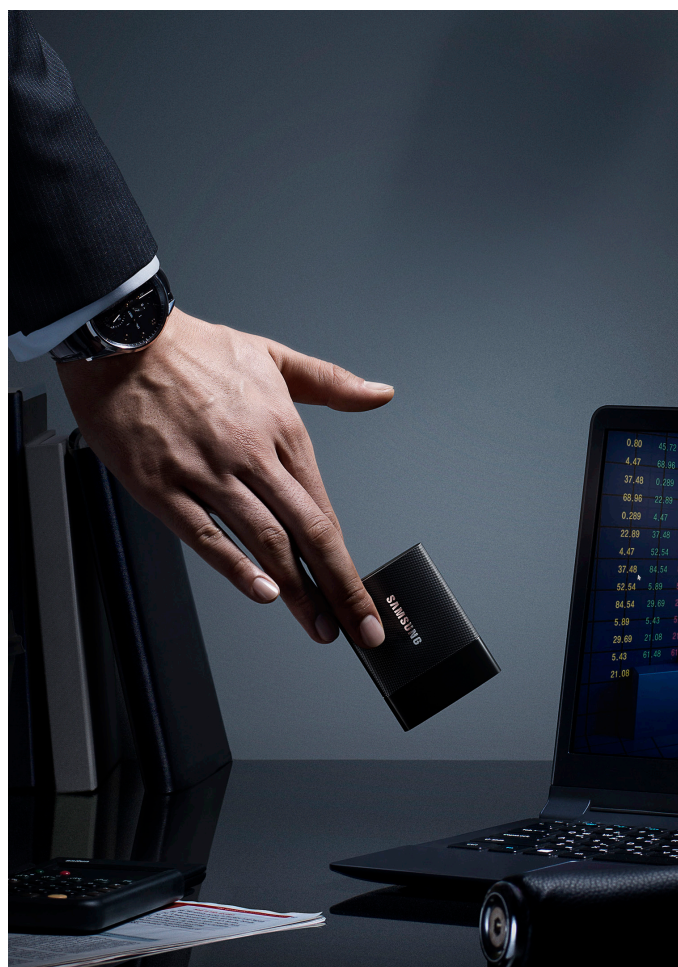
In today's high-tech world, your work and your life are recorded on digital media. Everything about you and who you are is captured in a digital format. That's why it is essential to ensure every bit of that information is available to you when and where you need it. Important client files, cherished photos and videos of family and friends, and personal information, these "snapshots" of your life must be safely stored, protected and easily accessible.

Enjoy faster speeds and safer data protection - wrapped in a stylish, compact package

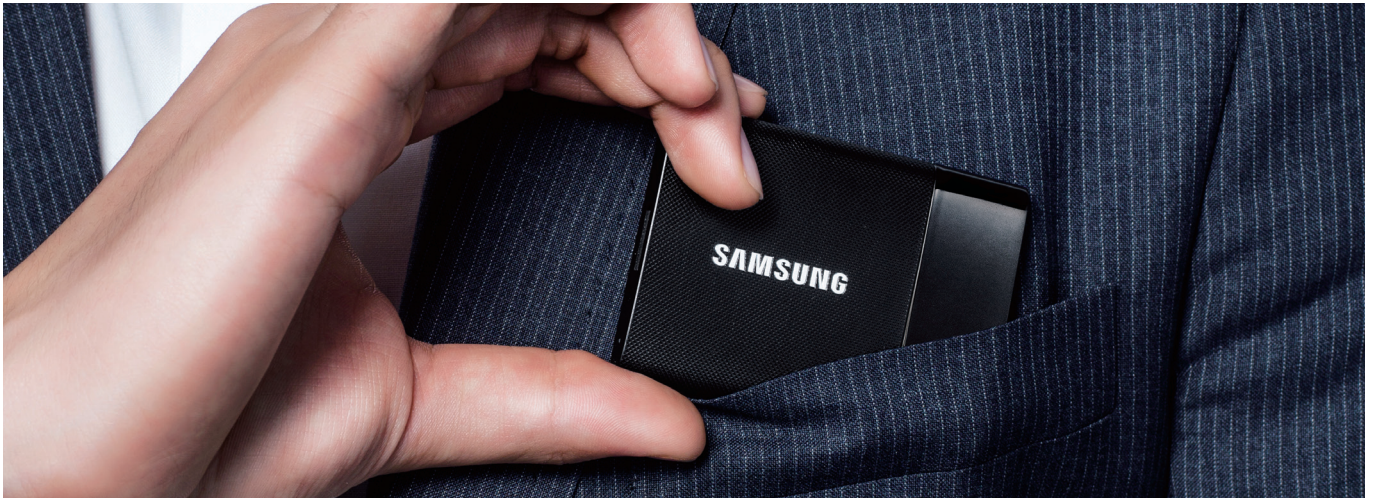
Now you can rest assured when it comes to your data. There is a brand-new concept in external storage - a portable solid-state drive (SSD) - the T1 from Samsung. Designed with ground-breaking V-NAND technology, the T1 provides improved reliability and performance through its innovative architecture that vertically stacks memory cells. It's fast, safe and stylish. Consider it your Portable Portfolio. Everything on it shows who you are. The T1's sleek design will make you want to carry it around. However, it's not just its fancy-looking design that will impress you; the T1 will enhance your productivity with faster speeds and will bring you safer data protection thanks to Samsung's innovative V-NAND technology. So, get ready to upgrade your life from a hard disk drive (HDD) to the T1, your very own Portable Portfolio in an SSD - the next big trend in digital media storage.

Accelerate your life with V-NAND technology for instant feedback and fast read/write speeds

If speed is what you need, look no further. Powered by V-NAND technology and topped with the USB 3.0 high-speed interface and Samsung's innovative TurboWrite technology, the Portable SSD T1 boasts up to 450 megabytes per second (MB/s) sequential read/write speeds and response time as fast as an internal SSD. And its random read/write speeds are one hundred times faster than an external HDD. With this much speed, you can use the T1 as a second internal SSD without copying data from the external drive to a PC for work. That means you can save your precious time spent on data transfer and get on with your life. With up to 1 terabyte (TB) of data storage, you'll have enough room to store virtually everything you need.



Rest easy knowing all your files are protected



Keep your valuable data safe from unauthorized access and mishaps

When you've got your life recorded on your drive, there's nothing more agonizing than discovering your personal information has been accessed by an unauthorized person. Or that huge client project you've been working on for weeks has been destroyed because you accidentally dropped your drive down a stairwell rushing to make your presentation. And let's not forget all those irreplaceable photos of your family - capturing your life's most precious moments - gone forever. Well, worry no more. Samsung's got you covered with the Portable SSD T1.

[Advanced security and convenient setup]

When you're using a portable drive, you need to be extra sure that it is protected from unwanted access. After all, what's on your drive is your business and nobody else's. The Portable SSD T1 is equipped with an AES-256-bit hardware-based, full-drive encryption algorithm to ensure your data files remain secure. And because it's hardware based, the encryption engine protects your data without performance degradation, which is often experienced with software-based encryptions.

The embedded security enabling software features an intuitive user interface (UI) and easy setup. One password, full drive encryption software access, flash-based storage and Samsung SSD controller technology are all part of the package.

[Shock resistance]

Let's face it. Accidents happen. But when it involves your priceless data, you want to be sure you have some sort of safety net in the event you drop your drive. Samsung's engineers have designed the Portable SSD T1 to be highly durable and withstand virtually anything life throws at it. It can roll with the punches, protecting your data from hard knocks up to 1,500 G of shock and 20 G of vibration. Because of its memory-based storage, the Portable SSD T1 has no moving parts to get jostled around. So, it's safe enough to carry with you wherever you go.

[Extreme temperature protection]

When you're immersed in your work, you might not notice that your drive is overheating and struggling to keep up. With the Portable SSD T1, you don't have to sweat. The T1 will never overheat thanks to Dynamic Thermal Guard protection*. This protection monitors and maintains the drive's optimal operating temperature. Its throttling feature drops the SSD's temperature when necessary to protect your data and ensure the responsiveness you expect. So, you can relax, knowing that your portable SSD will not let you down.

* Memory malfunctions can occur when temperatures exceed 80°C but Dynamic Thermal Guard protection maintains temperatures below 80°C at all times.



Express yourself with a design that's as sophisticated as you are



Convey a professional image with the sleek, stylish profile of the Portable SSD T1

Everyone admires a trendsetter - stylish, sophisticated and always in the know. The Portable SSD T1, with its slim profile, high-tech design and incredible compact size, puts them on notice that you're on the cutting-edge of the next greatest thing in portable storage. Boasting a premium design that's optimized for portability, this small, lightweight SSD features an ultra-sleek finish that has a laser-patterned, textured surface punctuated by black chrome metallic accents. A thin, custom cable complements the SSD's avant-garde design.

Changing the way people store data



[Office Worker]

Multitasking is a breeze when you're using the Portable SSD T1 as your drive. Work on your presentation and update your business reports while checking your e-mail, and downloading or copying files. With responsiveness as fast as an internal SSD, enabled by the USB high-speed interface and Samsung's TurboWrite technology, you can get your work done in record time. And with the portability of an external drive, you can take the T1 with you to the conference room, client's office and virtually anywhere you need to access your files.



[Business Traveler]

When you leave the office, you can take your work with you - all stored conveniently on your lightweight, compact Portable SSD T1 that slips easily into your pocket. If you accidentally drop it down the escalator, as you're rushing to make your connection at the airport, don't worry. It will be fine, thanks to its shock-resistant design. And, in the unfortunate event you leave it behind, you'll have the peace of mind that no one can access your files with its advanced data encryption software.



[Graphic Designer]

Let your creative thoughts flow without concern that your ideas might flow faster than the drive can process them. The Portable SSD T1 will have no problem keeping up with your intricate strokes and complex editing. With sequential read/write speeds of up to 450 MB/s - that's three to seven times faster than an external HDD - just think of all the amazing things you can create - and as fast as you can imagine them.



[Photographer]

Don't waste valuable time copying memory-intensive photos from the T1 to your work PC. The T1 can be used as a second internal SSD giving you extra flexibility and more space on hand at all times while freeing you up to handle all your important tasks without interruption. And thanks to exceedingly fast data transfer speeds you can perform all your tasks smoothly whether searching and copying to downloading and retouching all done without the drive skipping a beat. Working with large photo files has never been easier when you use the Portable SSD T1.

Media Reviews & Awards

“Quite frankly, I can’t speak enough to the benefits of this external SSD and it wouldn’t escape this report without garnishing an Editor’s Choice!”

-THE SSD Review

“From an end-user perspective, the size/capacity of the drive and the price point (\$0.60/GB) are very attractive. The Portable SSD T1 makes for a compelling solution where fast transfers of large amounts of data is needed in a secure environment.”

- AnandTech

“It overcomes the limits of existing options by dramatically boosting mobility, performance, responsiveness and capacity.”

- PCWorld



“The Samsung T1 is amazing on all levels, however, its design is really separates it from any other portable hard drive on the market. As someone who hates lugging around big drives for multifaceted reasons, the T1 is heaven-sent.”

- TechRadar

“The Samsung Portable SSD T1 is an incredibly portable storage solution with a slick premium build and great performance to boot.”

- Storage Review

Awards



Reviewed.com™
CES 2015
Editors' Choice
Awards



Product Lineup

Density	Model Name	Box Contents
250GB	MU-PS250B	Samsung Portable SSD T1 250GB User Manual and Warranty Statement USB 3.0 Cable
500GB	MU-PS500B	Samsung Portable SSD T1 500GB User Manual and Warranty Statement USB 3.0 Cable
1TB (1,000GB)	MU-PS1T0B	Samsung Portable SSD T1 1TB User Manual and Warranty Statement USB 3.0 Cable

Package-Set



Technical Specifications

	Portable SSD T1
Capacity*	250GB, 500GB, 1TB
Interface	Compatible with USB 3.0, 2.0
Dimensions (WxHxD)	71.0 x 9.2 x 53.2 mm
Weight	Max.30gram
Transfer Speed**	Up to 450MB/sec.
UASP Mode	Support
Encryption	AES 256-bit
Security***	Password setting (Optional)
Certification	CE, BSMI, KC, VCCI, C-tick, FCC, IC, UL, TUV, CB
RoHS Compliance	RoHS2
Warranty	Limited 3-year

* 1GB = 1,000,000,000 bytes, 1TB = 1,000,000,000,000 bytes

** Performance can vary depending on host configuration and test software

*** User can select security option in initial registration process (For more details, please refer to the manual)



Legal and additional information

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US\$216.7 billion.

To discover more, please visit www.samsung.com.

For more information

For more information about Samsung Portable SSD T1, visit www.samsung.com/T1

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Samsung Electronics Co., Ltd.

416, Maetan 3-dong, Yeongtong-gu Suwon-si, Gyeonggi-do 443-772, Korea

www.samsung.com

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