Samsung Portable SSD T5 Line up

2019 Data Sheet

Revision 1.0

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INTRODUCTION

Samsung Portable SSD T5 is the latest innovation in external storage with extraordinary speeds, and a sleek and solid form factor, offering secure data protection and the convenience of multi-device flexibility. It is a whole new experience for your data storage needs, both professionally and personally.

Industry-leading speed

Samsung, a world leader in Memory technology, has pioneered and revolutionized external storage with the extraordinarily fast Samsung Portable SSD T5, offering transfer speeds of up to 540 MB/s.

Sleek and solid external storage

The lightweight and pocket-sized Samsung Portable SSD T5 comes with a shockproof aluminum exterior, and makes it easy to access up to 2TB of data anywhere. Its shock-resistant internal frame can withstand accidental drops up to two meters (6.6 feet)*.

Secure and convenient

T5 enables users to seamlessly store, access and transfer data across multiple OSs and devices with Password protection software based on AES 256-bit hardware encryption. The T5 comes with the latest USB Type-C™ port and, two types of connection cables included (USB Type-C to C cable and USB Type-C to A) make it easy to use.

TECHNICAL SPECIFICATIONS

Samsung Portable SSD T5			
Interface	USB 3.1 (Gen 2, 10Gbps) Backwards compatibility		
Hardware Information	Capacity		2TB/1TB/500GB/250GB**
	Dimensions		74 x 57.3 x 10.5 mm (3.0 x 2.3 x 0.4 in)
	Weight		51 grams (1.8 oz)
Performance	Transfer Speed***		Up to 540 MB/sec
	UASP Mode		Support
Security	Encryption		AES 256-bit hardware encryption
	Security		Password Setting (Optional) · Password protection software requires: Windows 7 or higher; Mac OS X Mavericks, Yosemite, El Capitan, Sierra (10.9 or higher); Android KitKat (version 4.4) or higher
Reliability	Temp.	Operating	0°C to 60°C
		Non-Operating	-40°C to 85°C
	Humidity	Non-Operating	65°C, 95%
	Shock	Non-Operating	1,500G, duration: 0.5ms, 3 axis
	Vibration	Non-Operating	10~2,000Hz, 20G
Certification			CE, BSMI, KC, VCCI, C-tick, FCC, IC, UL, TUV, CB
RoHS Compliance			ROHS2
Warranty			3 years limited

* The internal free fall shock test was conducted under controlled conditions.
** 1 GB=1,000,000,000 bytes, 1 TB=1,000,000,000,000 bytes by IDEMA. Actual usable capacity of drive may be less than labeled capacity.
*** Max data transfer speed is measured based on Samsung's internal testing standards with the enclosed USB cable. Performance may vary depending on host configuration. To reach maximum transfer speeds of 540 MB/s, the host device and connection cables must support USB 3.1 Gen 2 and the USAP mode must be enabled.

PRODUCT LINEUP

Product	Color		Density	Model Name	Box Contents
T5		Deep Black	2TB	MU-PA2T0B/EU	Samsung Portable SSD T5 USB 3.1 USB-C to A cable USB 3.1 USB-C to C cable Quick Start Guide / Warranty Statement
		Deep Black	1TB	MU-PA1T0B/EU	
		Metallic Red	1TB	MU-PA1T0R/EU	
		Metallic Red	500GB	MU-PA500R/EU	
		Rose Gold	1TB	MU-PA1T0G/EU	
		Rose Gold	500GB	MU-PA500G/EU	
		Ocean Blue	500GB	MU-PA500B/EU	
		Ocean Blue	250GB	MU-PA250B/EU	