Samsung Portable SSD T9

2023 Data Sheet

Revision 1.0





SAMSUNG

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Technical Specifications

Samsung Portable SSD T9					
Interface	USB 3.2 Gen 2x2 (20Gbps)				
Hardware Information	Capacity[1]		1TB	2TB	4TB
	Dimensions		88 x 60 x 14mm		
	Weight		122 grams[2]		
Performance	Sequential Read[3]		Up to 2,000 MB/sec	Up to 2,000 MB/sec	Up to 2,000 MB/sec
	Sequential Write[3]		Up to 1,950 MB/sec	Up to 1,950 MB/sec	Up to 2,000 MB/sec
Durability	Drop Resistant		Up to 3m[4]		
Security	Encryption		AES 256-bit hardware encryption		
	Software		Samsung Portable SSD 1.0[5] Samsung Magician Software		
Reliability	Temperature	Operating	0°C to 60°C[6]		
		Non-Operating	-40°C to 85°C		
	Humidity		5% to 95% non-condensing		
	Shock	Non-Operating	1,500G, duration: 0.5ms, 3 axis		
	Vibration	Non-Operating	20~2,000Hz, 20G		
Certifications			CE, BSMI, KC, VCCI, RCM, FCC, IC, UL, TUV, CB, EAC, UKCA, BIS		
RoHS Compliance			RoHS 2		
Warranty[7]	Period		Five (5) Year Limited Warranty		

1. 1 GB=1,000,000,000 bytes, 1 TB=1,000,000,000,000 bytes. Lower capacity may be demonstrated by your computer due to use of a different measurement standard.
2. Exact weight of product may vary by capacity.
3. Max data transfer speed is measured based on Samsung's internal testing standards with the enclosed cable. Performance may vary depending on host configuration, cable and user system environment.
4. The drop test was conducted under controlled conditions. Drop resistance may vary depending on the actual environmental conditions. Damage caused by drop is not covered under warranty.
* Test condition: Device was dropped free-fall to a metal plate from 3-meter height.
** No warranty is provided for any physical damage.
5. T9 Software's minimum System Requirements: Windows 7 or higher, Mac OS X 10.10 or higher, Android Lollipop or higher
6. Tc is measured at the hottest point on the case. Sufficient airflow is recommended to be operated properly on heavier workload within device operating temperature.
7. Please refer to the detailed warranty statement here at https://semiconductor.samsung.com/consumer-storage/support/documents/. The LED component of the T9 is warranted for five (5) years of typical use, typical use for the purposes of this warranty defined as four (4) hours of operation per day at temperatures of 40°C or below.

PRODUCT LINE-UP

Density	Model Name	Model Code	Box Contents
4TB	MU-PG4T0	MU-PG4T0B/WW	• Samsung Portable SSD T9 • USB Type-C to A cable • USB Type-C to C cable • Quick User Manual & Warranty Statement
		MU-PG4T0B/AM	
		MU-PG4T0B/EU	
2TB	MU-PG2T0	MU-PG2T0B/WW	
		MU-PG2T0B/AM	
		MU-PG2T0B/EU	
1TB	MU-PG1T0	MU-PG1T0B/WW	
		MU-PG1T0B/AM	
		MU-PG1T0B/EU	