Samsung Portable SSD T7 Resurrected

2025 Data Sheet

Revision 10



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Technical Specifications

Samsung Portable SSD T7 Resurrected						
Interface	USB 3.2 Gen 2 (10 Gbps)					
Hardware Information	Capacity ¹		1 TB	2 TB	4 TB	
	Dimensions		85 x 57 x 8 mm			
	Weight		72 grams²			
Performance	Sequential Read ³		Up to 1,050 MB/sec			
	Sequential Write ³		Up to 1,000 MB/sec			
Durability	Drop Resistant		Up to 2 m⁴			
G	Encryption		AES 256-bit hardware encryption			
Security	Software		Samsung Magician Software⁵			
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	1,50	1,500 G, duration: 0.5 ms, 3 axis		
	Vibration	Non-Operating		20~2,000 Hz, 20 G		
Certifications			CE, BSMI, KC, VCCI, RCM, FCC, IC, UL, TUV, CB, UKCA			
RoHS Compliance			RoHS 2			
Warranty ⁷	Pe	eriod	Three (3) 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.

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^{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 2-meter height.

^{**} No warranty is provided for any physical damage.

^{5.} Samsung Magician Software compatible with Windows® 10 and higher, Mac OS® High Sierra (10.13.6) and higher, Android™ 5.1 (Lollipop) and higher

^{6.} To 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/.

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PRODUCT LINE-UP

Density	Model Name	Model Code	Box Contents		
4 TB	MU-PC4T0	MU-PC4T0G/AM			
		MU-PC4T0G/WW	 Samsung Portable SSD T7 Resurrected 		
2 TB	MU-PC2T0	MU-PC2T0G/AM	 USB Type-C to C cable Quick User Manual & Warranty Statement 		
		MU-PC2T0G/WW			
1 TB	MU-PC1T0	MU-PC1T0G/AM			
		MU-PC1T0G/WW			