HP

S750 M.2 SSD

Powered by next-gen NAND flash and a high-performance 4-channel controller, the full-capacity HP S750 M.2 SSD hits sequential read speed of up to 560 MB/s, enabling you to boot your PC in seconds, start programs faster, load and transfer files with ease. Rigorously tested for reliability and compatibility, the HP S750 M.2 comes with a 3-year warranty and worry-free technical support.
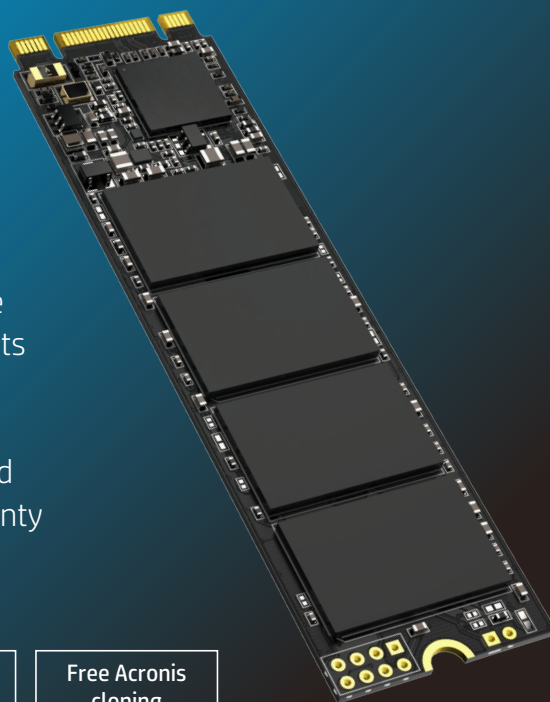
Speeds up to 560 MB/s	New-gen NAND Flash	SATA III M.2 2280	Capacity of up to 1 TB	Free Acronis cloning

Product Features

> Robust controller

Featuring a 4-channel controller, HP S750 M.2 supports S.M.A.R.T. technology and LDPC algorithm targeted for more efficient error correction and longer lifespan (up to 650 TBW), making your computer faster and more reliable.

> Next-gen 3D NAND flash

Credited with the next-gen 3D NAND flash, HP S750 M.2 SSD provides higher storage density and reliability to push the limits, allowing you to boot your PC in seconds, start programs faster, load and transfer files with ease.

> Sufficient capacity

Crafted with hand-sorted NAND flash, the HP S750 M.2 is available in 256 GB, 512 GB, and 1 TB capacities, enabling you to store games, videos, and high-resolution photos on your desktop or laptop with ease.

> Ultra-stable reads / writes

High-performance controller, superior NAND flash, and intelligent algorithm bring out more stable read and write performance, rendering you smooth continuous writing and data copy.

> Free Acronis cloning software

Built with Acronis True Image, our customized Acronis version is optimized for our HP SSDs. It lets you easily transfer data, back-up or clone your data.

HP Advantage

HP, the world's leading IT company, the world's top 500, business covers IT infrastructure equipment, storage, commercial and home computers, printers, digital imaging and other fields, PC shipments for many years in the world's top, the world's billion industry elite are using. HP continues to forge ahead in storage technology and make every effort to create new storage products, and will continue to be committed to providing high-quality, reliable storage products and services to consumers around the world. HP has a comprehensive after-sales system and service outlets in the global region to provide users with a full range of after-sales services.

S750 M.2 SSD Product Specifications

Interface	SATA III, 6 Gb/s		
Form Factor	M.2 2280		
Capacity	256 GB	512 GB	1 TB
Max. Sequential Read Speed	560 MB/s	560 MB/s	560 MB/s
Max. Sequential Write Speed	520 MB/s	520 MB/s	520 MB/s
Max. Random Read Speed (IOPS)	53 K	91 K	99 K
Max. Random Write Speed (IOPS)	88 K	89 K	89 K
Max. Working Voltage (W)	1.91	2.02	2.24
Max. Idle Voltage (W)	0.41	0.41	0.41
Dimensions	22.0 x 80.0 x 2.4 mm (single-sided)		
Weight	≤ 5.5 g		
MTBF	≤ 2,000,000 Hours		
Storage Temperature	-40 ℃ to 85 ℃		
Working Temperature	0 ℃ to 70 ℃		
Vibration Resistance	3.1 G RMS (2-500 Hz)		
Shock Resistance	100 G / 6 ms		
Certifications	CE, FCC, RoHS, KCC, VCCI, RCM, BSMI, cTUVus		
Warranty / Support	3-Year / 160 TBW	2-Year / 320 TBW	3-Year / 650 TBW

1. Updates are required throughout product life cycle when necessary. HP reserves the right to change product images and specifications at any time without notice.

2. All product specifications are under internal test results and are subject to variations by user's system configuration.

3. Not all products are sold in all regions of the world.

4. As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for buffer or cache, one megabytes (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabyte per second (GB/s) = one billion bytes per second. The maximum valid value for the SATA 6GB/s transfer rate is calculated based on the serial ATA specification published by the SATA-IO organization prior to the date of publication of this specification. For more information, please visit www.sata-io.org.

5. Measured using the MobileMark™ 2012 benchmark with DIPM (Device Induced Power Management) enabled.

6. MTBF = Mean Time Between Failures based on internal testing using Telcordia stress test.