



Ready to store, access, and transfer at full speed.
Steady and reliable.

HP Portable SSD P500 1TB



HP Portable SSD P500 1TB enables easy storing and backing large files, including high-definition movies, games, pictures, etc. It features a simple and beautiful design which includes a shock-proof and throw-proof metal shell, available in multiple colors to meet the users' style and individual needs. Equipped with USB3.2 Gen2 type-C interface, HP Portable SSD P500 1TB can quickly respond to file read-write demands and enable steady data transmission at a constant speed.

Features



Ultra Steady Read-Write

Steady transmission, Speeding up all application.

HP P500 1TB features more steady read-write performance, enabling a quick response to file read-write demands, reducing delay and enabling a steady data transmission with constant speed, offering better experience.



**USB3.2 Gen2
high speed transmission**

Largest 1TB Capacity

HP P500 has the capacity as large as 1TB, supporting backup files, video & audio entertainment, and mobile office to name a few capabilities. Our SSD can meet your needs in business and entertainment.



Largest 1TB Capacity

Rapid storing speed. Faster than ever.

Equipped with USB3.2 Gen2 Type-C interface (up to the transmission speed of 20Gbps), HP P500 1TB has a read speed up to 420MB/s, suitable for fast storage and backup of large files, such as HD movies, games, pictures, etc.



**Excellent Color
selection that sets the trend**

Adaptable connection. Easy management.

Included with your SSD is a USB Type-C to Type-A data cable and USB Type-A to Type-C adapter. P500 1TB SSD has a wide range of compatibility and can be used on most devices. One built-in feature of the drive is enabling easy management and use of stored data.

Application

HP Portable SSD P500 1TB is both aesthetically pleasing and practical for users' color preferences, providing convenient and efficient data storage experience.

HP Advantages

HP SSD shows constantly progress in the storage technology field. Whether in the server market or the consumer market, we can offer customers with the latest high-performance storage solutions. Compared with traditional hard disk drives, HP SSD can improve the operating performance for your entire system, enabling superior read-write speed, shorter startup time, faster application import, longer battery life, and better anti-seismic performance.

As a leading player in the PC industry, HP SSD's quality assurance is implemented throughout the entire process, from R&D design to production, sales, and feedback loop. HP's management principle is to make a quality design embodied in every product. HP SSD supports HP computer DST self-test, ensuring reliability of our products.

HP has established a perfect after-sales system and has many service offices globally. Any questions about products will be solved carefully and timely. We also provide a free customer support hotline. For more details, please visit our HP website.



HP Portable SSD P500 1TB

Product Specifications

Basic Specifications	HP Portable SSD P500 1TB	
	1TB	
Interface		
Type-C (USB3.2 Gen2)		
Performance		
Sequential Read Speed	420 MB/s	
Sequential Write Speed	268 MB/s	
Random Read Speed	6 K IOPS	
Random Write Speed	19K IOPS	
Power		
Maximum Power under Operating State	1.79W	
Maximum Power under Idle State	0.43W	
Reliability		
MTBF	No more than 2000000 hours	
Environment		
Storage Temperature	-40℃ - 85℃	
Working Temperature	0℃ - 50℃	
Anti-shock Strength	100 G/6 msec	
Anti-vibration Intensity	3.1 GRMS (2-500 Hz)	
Certifications	CE、CB、FCC、cTUVus、KCC、BSMI、VCCI、RoHS etc.	
Warranty/Support	3 years or 500TBW	
Physical Dimensions		
Size	79.10mmx53.90mmx10mm	
Weight	≤ 45.4g （without storage box & data cable & adapter）	
	≤ 59.9g （with storage box & data cable & adapter）	

Specifications are subject to change without prior notice.

1. Not all products are available in any region of the world.

2. When used to represent storage capacity, 1 Megabyte (MB) = 1 million bytes, 1 Gigabyte (GB) = 10 billion bytes, and 1 Terabyte (TB) = 1 trillion bytes. The total capacity available will vary depending on the operating environment. In buffer or cache, 1 Megabyte (MB) = 1,048,576 bytes. In transfer rate or interface, 1 Megabyte/second (MB/s) = 1 million bytes/second and 1 Gigabyte/second (Gb/s) = 10 billion bytes/second.

3. Measured by MobileMark™ 2012 Benchmark Test with DIPM (Device Initiated Power Management) Enabled.

4. MTBF = Mean Time Between Failure based on internal tests using Telcordia stress test.

5. Please refer to <https://support.hp.com/cn-zh> for regional details of warranty services.



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