



Portable SSD P500

HP Portable SSD P500 uses high-quality NAND Flash and USB 3.2 Gen 1 Type-C interface to achieve high performance featuring 420 MB/s read and 420 MB/s write. P500 is compatible with PC, Mac, Android devices, gaming consoles, and more. Whether you're storing critical business documents, games, or movies, the Portable SSD P500 gives you speed and durability in a palm-sized package.



USB 3.2 Gen 1 interface

420 MB/s read and write

Up to 1 TB capacity

Cable & adaptor included

Free Acronis cloning

Product Features

> High-performance controller and quality NAND

With a high-performance master controller, quality NAND and LDPC algorithm, HP P500 portable SSD achieves fast transfer speeds and reliable performance.

> Multi-device compatibility

Comes with USB Type C-to-A cable and Type A-to-C adaptor, the HP P500 supports new-gen USB 3.2 Gen 1 interface and is compatible with PC, Mac, Android devices, gaming consoles, and more.

> Transfer in a flash

Transfer massive files within seconds with the incredible speed of USB 3.2 Gen 1. HP P500 delivers read and write speeds of up to 420 MB/s, saving time on loading videos, photos and games.

> 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.

> Up to 1 TB capacity

With up to 1 TB capacity, massive photo libraries, files, games, and movie collections can now all fit in your pocket. At less than 50 grams, the HP P500 takes your digital world anywhere.

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.



P500 Portable SSD Product Specifications

| | | | | |
|---|---|------------------|------------------|------------------|
| Hardware Interface | USB Type-C | | | |
| Hard Drive Interface | USB 3.2 Gen 1 (backwards compatible) | | | |
| Form Factor | Portable | | | |
| Capacity | 120 GB | 250 GB | 500 GB | 1 TB |
| Max. Sequential Read Speed | 370 MB/s* | 370 MB/s* | 420 MB/s* | 420 MB/s* |
| Max. Sequential Write Speed | 110 MB/s* | 200 MB/s* | 410 MB/s* | 420 MB/s* |
| Colors | Blue, Red, Sliver, Black | | | |
| Dimensions | 79.10 mm x 53.90 mm x 10.00 mm | | | |
| Cable Included | USB Type-A to C cable, USB Type-C to A cable | | | |
| Weight | ≤ 45.4 g (excludes packing box, data cable and adapter) | | | |
| | ≤ 59.9 g (includes packing box, data cable and adapter) | | | |
| Warranty / Support | 3-Year / 70 TBW | 3-Year / 100 TBW | 3-Year / 300 TBW | 3-Year / 500 TBW |
| * Tested by our labs. Speed varies according to your computer's capabilities and environment. | | | | |

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.



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 3. Product are subject to regional availability.
 4. Instructions for purchasing high-frequency memory: overlocking memory needs to be equipped with a matching motherboard and processor to event its overlocking performance. Please verify prior to purchase whether your motherboard and CPU support the specifications of what you want to buy. Activate XMP after installation to enjoy the overlocking speed.