



HP P900 Portable SSD



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A great time-saver for anyone on-the-go (and especially for content creators, video editors, and other heavy users), the P900 works well as a PS4/PS5 external hard drive for awesome gaming experiences and incredible entertainment. It also supports Type-C to transmit data at a higher rate.

USB 3.2 Gen2 x2

Up to 2000 MB/s

Up to 4 TB of storage

Type-C

Sleek & Stylish design

Product Features

> Up to 2000 MB/s

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> Up to 4 TB capacity

Choose the capacity to best fit your usage: 512 GB, 1 TB, 2 TB, or 4 TB. With this faster drive, you'll have more time to do more work, create more content, or edit that hi-res video.

> For all your devices

HP P900 PSSD works with all devices that support Type-C cable: PCs, tablets, smartphones, gaming consoles, and cameras. It can also work as a PS4 / PS5 external drive that gives you the extra storage you need for more games. And it enables the creation of a Windows To Go workspaces.

> Durable and stylish design

With an aluminum alloy body, HP P900 is sleek yet highly durable. It's available in black, gray, silver, green, and pink to fit your lifestyle, weighing as little as 40 grams. P900 is resistant to dust, shock and vibration for enhanced stability and reliability.

> Power-saving power management

HP P900 PSSD offers a Power Management Unit (PMU) in its controller to efficiently save power and overcome heating issues. This extends your SSD's lifespan.

> 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 is one of the world's most recognized and valuable brands (ranked annually by such organizations as BusinessWeek, Interbrand, and Boston Consulting Group). Fueled by innovative research and distinctive marketing, the HP brand is famous as a world leader in personal computers, printers and other IT products.

HP personal storage continues to forge ahead in technology, creating new storage products so customers can upgrade their computing experience with the comfort of a great product and a comprehensive after-sales system providing service globally.



HP P900 Portable SSD Product Specifications

Interface	Type-C (USB 3.2 Gen2 x2)			
Capacity	512 GB	1 TB	2 TB	4 TB
Sequential Read Speed (Up to)	2000 MB/s	2000 MB/s	2000 MB/s	2000 MB/s
Sequential Write Speed (Up to)	1800 MB/s	2000 MB/s	2000 MB/s	2000 MB/s
Random Read Speed (Up to)	56K IOPS	60K IOPS	58K IOPS	58K IOPS
Random Write Speed (Up to)	56K IOPS	52K IOPS	57K IOPS	57K IOPS
Power Consumption (Active)	2.1 W			
Power Consumption (Idle)	0.7 W			
Dimensions	71.0 x 52.0 x 8.6 mm			
Weight	Less than 40 g			
MTBF	1,000,000 hours			
Operating Temperature	0 °C to 40 °C			
Storage Temperature	-40 °C to 85 °C			
Vibration Resistance	3.1 GRMS (2-500 Hz)			
Shock Resistance	100 G / 6 ms			
Certifications	CE, FCC, RoHS, KCC, VCCI, BSMI, RCM			
Warranty / Support	3-Year / 300 TBW*	3-Year / 600 TBW*	3-Year / 1200 TBW*	3-Year / 2400 TBW*

* Whichever comes first (3 years or 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. MTBF = Mean Time Between Failures based on internal testing using Telcordia stress test.
6. Please visit <https://hp.biwintech.com/> for more details.



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2. All product specifications are under internal test results and are subject to variations by user's system configuration.
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4. Instructions for purchasing high-frequency memory: overclocking memory needs to be equipped with a matching motherboard and processor to exert its overclocking 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 overclocking speed.

