HP FX900 PLUS PCIe M.2 SSD

Built to deliver top-notch performance, HP FX900 Plus features a 4-channel Gen 4 x 4 controller and supports NVMe 1.4, taking the sequential read / write speeds up to 7400 MB/s and 6500 MB/s. With a standard M.2 2280 interface, HP FX900 Plus is widely compatible with mainstream PC, laptops, and PS5. It is the perfect kit for e-sport players, content creators and professional designers seeking the latest generation of PCIe 4.0 SSD.

| 4-channel PCIe controller | New-gen NVMe 1.4 | Up to 7400 MB/s | Full capacity of 4TB | Free Acronis Cloning |

Product Features

> 7400 MB/s brings a boosted performance

Equipped with a 4-channel controller, FX900 Plus offers PCIe Gen4 x4 interface and the new NVMe 1.4, delivering uncompromising read speed up to 7400 MB/s and write speed up to 6500 MB/s.

> Adopts HMB and a SLC Cache-based Controller

DRAM-less HP FX900 Plus supports HMB (Host Memory Buffer) and is equipped with SLC Cache to provide next-level performance, making your day-to-day PC usage much easier than ever before.

> 4 TB full capacity

Extremely durable FX900 Plus is available in: 512 GB, 1 TB, 2 TB and 4TB, providing a longer lifespan and larger actual storage capacity. This means a better return on your purchase compared to other SSDs.

> Power-saving power management

HP FX900 Plus offers PMIC (Power Management ICs) and a Power Management Unit in its controller to efficiently overcome heating issues and save power, extending your SSD's lifespan.

> Standard M.2 2280 interface

Adopting a standard M.2 2280 single-sided PCB, HP FX900 Plus perfectly fits into mainstream PCs and portable laptops. It also can work as the external drive of your PS5 to fuel your 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.

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 FX900 Plus PCIe M.2 SSD Product Specifications

Interface	PCIe 4.0 x 4			
Form Factor	M.2 2280			
Capacity	512 GB	1 TB	2 TB	4 TB
Max. Sequential Read Speed (MB/s)	7100	7100	7100	7400
Max. Sequential Write Speed (MB/s)	3800	6300	6300	6500
Max. Random Read Speed (IOPS)	960 K	990 K	920 K	950 K
Max. Random Write Speed (IOPS)	720 K	990 K	970 K	980 K
Dimensions	80 x 22 x 2.4 mm			
Weight	Less than 10 g			
MTBF	More than 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, BSMI, RCM			
Warranty / Support	5-Year / 300 TBW*	5-Year / 600 TBW*	5-Year / 1200 TBW*	5-Year / 2400 TBW*

* Whichever comes first (5 years or TBW).

Specifications subject to change without notice.

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 the 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 megabyte (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.