



EX900 PLUS M.2 SSD

The HP EX900 PLUS SSD offers the 4-channel PCIe and blazing-fast NVMe 1.3 performance with speeds up to 3300 MB/s read and 2700 MB/s write. It is built for extreme gaming enthusiasts, high-end system builders, world-champion overclockers, and content creators seeking higher levels of performance.



New-gen NVMe 1.3

3D NAND Flash

Enhanced Performance

Rigorous Tests

Free Acronis cloning

Product Features

> New-gen NVMe 1.3

The HP EX900 PLUS offers the 4-channel PCIe and blazing-fast NVMe 1.3 performance with speeds up to 3300 MB/s read and 2700 MB/s write to boot games faster and greatly improve responsiveness.

> 3D NAND Flash

EX900 PLUS M.2 SSD adopts premium 3D NAND Flash to unleash storage space and double storage density, offering various capacities from 128 GB - 2 TB to store large files and big games.

> Enhanced Performance

Compared with previous version, the new-gen EX900 PLUS M.2 SSD of 1 TB boosts read and write speeds by up to 53% and 49% respectively to achieve an extremely smooth gaming experience.

> Rigorous Tests

The HP EX900 PLUS uses carefully selected high-quality NANDs and passes a number of rigorous tests including electrical testing, application testing, and compatibility testing. It also comes with a five-year limited warranty and free technical support services.

> 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.



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Product Specifications

Interface	PCIe 3.0 x 4				
Form Factor	M.2 2280				
Capacity	128 GB	256 GB	512 GB	1 TB	2 TB
Sequential Read Speed (MB/s)	1000	2000	3200	3300	3150
Sequential Write Speed (MB/s)	700	1300	2200	2700	2600
Max. Random Read Speed (IOPS)	51 K	100 K	190 K	325 K	379 K
Max. Random Write Speed (IOPS)	161 K	273 K	296 K	293 K	280 K
Dimensions	80.00 x 22.00 x 2.40 mm (single side)				
Weight	≤ 10 g				
MTBF	> 1,000,000 hours				
Storage Temperature	-40 °C to 85 °C				
Working Temperature	0 °C to 70 °C				
Vibration Resistance	3.1 GRMS (2-500 Hz)				
Shock Resistance	100 G / 6 s				
Certifications	CE, FCC, RoHS, cTUVus, KCC, BSMI, VCCI, RCM				
Warranty / Support	5-Year / 70 TBW	5-Year / 100 TBW	5-Year / 200 TBW	5-Year / 400 TBW	5-Year / 800 TBW

Specifications are subject to change without notice.

1. Backward compatible to Gen2 and Gen1.
2. Not all products are sold in all regions of the world.
3. When used to represent storage capacity, 1 megabyte (MB) = 1 million bytes, 1 gigabyte (GB) = 1 billion bytes. Depending on the operating environment, the total capacity that can be used will vary. Used to indicate buffer or cache when 1 megabyte (MB) = 1,048,576 bytes. Used to represent the transmission rate or interface, 1 megabyte/s (MB/s) = 1 million bytes per second, 1 gigabytes per second (Gb/s) = 1 billion bytes per second. The maximum valid value for the SATA 6 GB/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.
4. Measured using the MobileMark™ 2012 benchmark with DIPM enabled (device-initiated power management).
5. MTBF = Mean Time Between Failures, based on internal tests using the Telcordia stress test.
6. Please visit <https://support.hp.com> for details on warranty service of specific areas.

