



HP SSD EX900 PLUS M.2

As the latest generation of ultra-high-performance E-sports SSDs, the HP EX900 PLUS M.2 is a major upgrade, supporting quad PCIe 3.0 master control and NVMe1.3 protocols, with sequential read speeds up to 3300 MB/s and random read speeds of up to 325 KIOPS, releasing the powerful performance of E-sport laptop and high-end desktop devices to meet the demanding needs of gamers, installers, overclockers or audio/video editors.



Quad PCIe 3.0 master control NVMe1.3 protocol support

96-Layer 3D NAND flash reliability and durability

Enhanced performance with read speeds up to 3300 MB/s

Multiple capacity options up to 2 TB

5-Year limited warranty, quality after-sales service

Product Features

> NVMe High Performance, Fast, stable and accurate

HP EX900 PLUS is equipped with 4-channel PCIe 3.0 master control and supports NVMe 1.3 protocol standard for powerful performance. Read speed up to 3300 MB/s and write speed up to 2700 MB/s. This accelerates game loading, shortens wait times, and effectively improves system responsiveness.

> Passes multiple rigorous tests

The HP EX900 PLUS uses carefully selected high-quality components and passes a number of rigorous tests such as electrical testing, application testing, and compatibility testing before leaving the factory, while enjoying thoughtful quality after-sales service, including a five years limited warranty and free technical support services.

> 3D NAND Flash, Double the storage density

The HP EX900 PLUS NVMe M.2 SSD uses premium 3D NAND flash to break storage space limitations and double the storage density of its predecessor, offering 128 GB, 256 GB, 512 GB, 1 TB and 2 TB. It can easily store your large files and video games.

> Widely compatible with mainstream devices

HP EX900 PLUS is designed with M.2 interface. It supports Intel and AMD next-generation platforms and is widely applicable to all mainstream desktop/laptop computers.

> Upgrade your power, Dominate the battlefield

HP EX900 PLUS M.2 (1 TB capacity) Sequential read speeds are up from the previous generation about 53%, sequential write speed is about 49%. Meet the needs of gamers.

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.



EX900 PLUS M.2 SSD Product Specifications

Basic Specifications					
Capacity	128 GB	256 GB	512 GB	1 TB	2 TB
Interface	PCIe Gen3x4				
Performance					
Sequential Read Speed (MB/s)	1000	2000	3200	3300	3150
Sequential Write Speed (MB/s)	700	1300	2200	2700	2600
Random Read Speed (IOPS)	51 K	100 K	190 K	325 K	379 K
Random Write Speed (IOPS)	161 K	273 K	296 K	293 K	280 K
Physical Size					
Size	80 x22 x2.4 mm(single side)				
Weight	Less than 10 g				
Reliability					
MTBF	Greater than 1,000,000 hours				
Environmental					
Storage Temperature	-40 °C to 85 °C				
Working temperature	0 °C to 70 °C				
Vibration strength	3.1 G RMS (2-500 Hz)				
Impact strength	100 G/6 msec				
Certification	CE, FCC, RoHS, KCC, VCCI, RCM, BSMI, cTUVus				
Warranty / Support	5 Years/70 TBW	5 Years/100 TBW	5 Years/200 TBW	5 Years/400 TBW	5 Years/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.

