HP SSD EX950 M.2 PCIe

Interface:	Specification:	Capacity:
PCIe Gen3 × 4	M.2 2280	512GB | 1TB | 2TB

HP EX950 M.2 is an eSports SSD with the best performance and a new generation ultra-high-performance storage device which supports PCIe Gen3 × 4 interfaces and new version of NVME1.3 standard. With read and write speeds reaching up to 3500MB/s and 2900MB/s respectively, it fully satisfies the need of gamers, DIYers, overclocking masters or audio and video editors for ultra strong performance and reliability.

Product Features

Strong-performance and unlimited

HP EX950 M.2 is a HP SSD intended for eSports, which adopts NVMe 1.3 new generation data transfer protocol and supports PCIe Gen3(8Gb/s) x4 channels of data transmission. With read and write speeds reaching up to 3500MB/s and 2900MB/s respectively, it is a good choice for performance improvement of high-end motherboard, gaming laptop and Ultrabook, etc.

HP PCIe master controller is powerful and stable

HP EX950 M.2 is furnished with SSD high-performance master controller of HP 8 flash memory channel and 3D NAND flash memory, supporting PCIe Gen3(8Gb/s) x4 interfaces and new version of NVMe1.3 standard. ALL these have given it excellent high-speed read-write performance.

An eSports SSD born for game

HP EX950 M.2 SSD is suitable for mainstream eSports motherboard and is applicable to upgrade of gaming laptop, performance improvement of game platform, by accelerating of game startup, map loading and scene change, etc.

Five-year warranty and quality reliability

HP provides five-year warranty service for EX950.In accordance with strict test standard for hard disk, each SSD must undergo rigorous test before delivery so as to ensure product quality.

Product Application

HP EX950 M.2 is an eSports SSD with the best performance and featured by strong performance, low power consumption and ultra-long standby time. It is applicable to devices such as high-end motherboard, gaming laptop and Ultrabook.

Advantages

With continuously improved storage technology, HP SSD provides customers with the latest storage solution of high performance in the server and consumer market . Compared with HDDs, HP SSD can improve the performance of your entire system, providing: superior performance, improved start-up time, faster application load times, longer battery life, and better vibration resistance. As the leader in the PC industry, HP SSD quality assurance begins at the R & D design stage and continues through the whole production process. Quality is designed into every product in accordance with HP's corporate philosophy. HP SSD fully supports HP computer DST self-test to ensure the reliability in use. HP has an excellent global network of service outlets to support users with questions about the product. We also offer a toll-free customer support hotline, and you can find more details from our HP website.

HP EX950 M.2 PCIe Product Specifications

Specifications	HP SSD EX950 M.2		
	512GB	1TB	2TB
DRAM	512MB	1GB	2GB
Interface			
HP SSD EX950 M.2 2280	PCIeGen3(8Gb/s) × 4， NVMe1.3		
Performance			
Max. sequential reading speed	3500MB/s	3500MB/s	3500MB/s
Max. sequential writing speed	2250MB/s	2900MB/s	2900MB/s
Random reading speed	390K IOPS	410K IOPS	410K IOPS
Random writing speed	370K IOPS	370K IOPS	380K IOPS
Reliability			
MTBF	Up to 2 million hours		
Environment			
Storage temperature	-40° C ~ 85° C		
Operating temperature	0~70° C		
Max. vibration Resistance	100 G/6 msec		
Certifications	CE、CB、FCC、cTUVus、KCC、BSMI、VCCI、RoHS、RCM		
Dimensions & Weight			
Size	80x 22 mm		
Thickness	⩽ 3.8mm		
Weight	⩽ 5.4g		

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 operatingenvironment, the total capacity that can be used will vary. Used to indicate buffer or cache when 1 megabyte (MB) = 1,048,576 bytes. Used torepresent 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.

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.