



HP Gen5 SSD GX900 M.2 PCIe

Unlock faster performance with the HP GX900 SSD, powered by the latest PCIe Gen5 × 4 interface and NVMe 2.0. Offering sequential read speeds up to 11000 MB/s and write speeds up to 10000 MB/s, this Gen5 SSD tackles demanding tasks like ultra-high-definition video editing, smoother gaming experiences, and quicker access to large files. Upgrade your storage experience with HP's next-gen performance.

PCIe Gen5 × 4, NVMe 2.0

Up to 11000 MB/s Read
and 10000 MB/s Write

Exceptional Endurance

Wide Compatibility



Product Features

> Optimal Power Efficiency, Exceptional Endurance

The HP GX900 features advanced energy-saving technology that significantly reduces heat output, keeping power consumption below 5.5W, approximately 40% lower than PCIe 5.0 counterparts. This innovative design enhances system stability and boosts battery life.

> Biwin Intelligence

Biwin Intelligence is a multifunctional management software utility, designed to support HP-branded storage products. For a more convenient and more secure storage experience, this software helps users manage their drives with features like performance tests, data migration, firmware updates and more.

> Advanced Protection, Proven Reliability for Critical Data

The HP GX900 is built for durability and protection, featuring LDPC error correction and intelligent wear leveling technologies to maintain data integrity and prolong the drive's life. With up to 1500 TBW (2 TB model), this SSD handles extensive data writes smoothly, delivering high performance and long-term reliability for professionals and power users.

> Wide Compatibility Across Devices

The HP GX900 works seamlessly across desktops, laptops, PS5 consoles, and more with a single-sided M.2 2280 form factor. Whether you're enhancing the performance of your workstation, increasing your laptop's storage capacity, or optimizing your consoles for ultra-fast gaming, the HP GX900 provides a high-performance, cross-platform solution to meet all your needs with ease and reliability.

HP Advantage

HP is one of the world's leading IT companies and consistently ranks among the global Fortune 500. Its business spans IT infrastructure, storage solutions, commercial and home computers, printers, digital imaging, and more. HP has long been a global leader in PC shipments and is trusted by enterprises and professionals worldwide.

The company continues to push forward in storage technology, focusing on developing new, innovative products while delivering high-quality, reliable storage solutions and services to customers around the globe.

GX900 M.2 PCIe SSD

Product Specifications

Interface	PCIe Gen5 × 4, NVMe 2.0	
Form Factor	M.2 2280	
Capacity	1 TB	2 TB
Max. Sequential Reading Speed (MB/s)	11000	11000
Max. Sequential Writing Speed (MB/s)	9700	10000
Random Read Speed (IOPS)	1400K	1700K
Random Write Speed (IOPS)	1600K	1700K
Dimensions	80.00 × 22.00 × 2.50 mm (single-sided)	
Weight	≤ 10 g	
Operating Temperature	0° C to +70° C	
Storage Temperature	-40° C to +85° C	
MTBF	1,500,000 hours	
Certifications	RoHS, FCC, CE, CB, KCC, BSMI, VCCI, RCM, UKCA	
Warranty	5-Year / 750 TBW	5-Year / 1500 TBW

1. Updates are required throughout the product lifecycle 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 the operating environment.
5. MTBF = Mean Time Between Failures based on internal testing using Telcordia stress testing standard.
6. Please visit <https://hp.biwintech.com/> for more details.

