HP Portable SSD P600

HP portable SSD P600 is a new generation of portable storage device with high performance. It has plug and play feature, realizing high speed transmission anytime and anywhere.

HP Portable SSD P600 was born to realize more efficient portable storage, which adopts high-speed Type-C interface. It features wide compatibility with multiple systems (Windows/MAC/Android), realizing data sharing on multiple platforms and providing up to 560MB/s and 500MB/s read and write performance. HP P600 is a good option of convenient external storage for high-capacity data transmission and backup.

USB3.1 Gen2 High-speed transmission

HP P600 adopts USB3.1 Type-C interface. It is supported with a strong and high-performance SSD core, contributing to reading and writing speed up to 560MB/s and 500MB/s. HP P600 guarantees rapid transmittion and easy backup for high-volume files and important data.
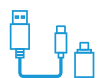
Integrated and compact design

P600 is small and exquisite (thickness is less than 10mm, and only 60g), greatly improving the convenience of portable storage. P600 comes with USB Type C to Type A cable, to create a professional and stylish storage experience.

Unparalleled reliability

The P600 uses 3D NAND Flash that is rigorously tested for durability, to provide higher storage density and capacity than traditional 2D Nand flash. Its LDPC algorithms and error correction mechanism can greatly improve the life and reliability of the drive.

Guaranteed data security

The P600 is based on HP's high-quality core standards for SSDs, and all components have passed advanced and rigorous tests. It has 2 million hours of MTBF (mean time between failures), making for high levels of reliability and long periods of assuring use. HP P600 offers a 3-year limited warranty with HP brand quality assurance.

USB 3.1 Gen 2
High-speed transmission

Slim & light
Small & portable

With Type C to Type A cable
More professional
storage experience

HP SSD 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 P600 Specifications

Specifications	HP Portable SSD P600		
	250GB	500GB	1TB
Interface			
HP Portable SSD P600	USB3.1 Gen2 Type-C		
Performance			
Max. sequential read speed	560 MB/s	560 MB/s	560 MB/s
Max. sequential write speed	470 MB/s	490 MB/s	500 MB/s
Random Read Operations	80 K IOPS	80 K IOPS	90 K IOPS
Random Write Operations	70 K IOPS	60 K IOPS	70 K IOPS
Reliability			
MTBF (Mean Time Between Failures)	2,000,000 hours		
Environment			
Storage temperature	-25℃ to 85℃		
Operating temperature	0℃ to 60℃		
Max. vibration Resistance	3.1G RMS (2-500 Hz)		
Certification	CE、CB、FCC、cTUVus、KCC、BSMI、VCCI、RoHS、RCM		
Limited Warranty	3 years		
Dimensions & Weight			
Dimensions	92x 65 x9.2 mm (only SSD)		
	92x 65 x20.8 mm (including cable storage box)		
Weight	≤ 58g (only SSD)		
	≤ 108g (including cable, adaptor and cable storage box)		

Specifications subject to change without notice.

1. The maximum transmission data is based on HP internal test standards. The performance may vary due to different host configuration. To achieve the maximum transmission speed, please use the original data cable.

2. May not available for sale in some regions.

3. When calculating storage， 1 Megabyte (MB) = 1 million bits， 1 Gigabyte (GB) = 1 billion bits， 1 Terabyte (TB) = 1 Trillion bits. Depending on operating environment, the usable storage space may vary. When describing buffer or cache, 1 Megabyte (MB) = 1,048,576 Bytes. When representing transmission rate or interface， 1 Megabyte/s (MB/s) = 1 million bytes per second， 1 Gigabyte/s (Gb/s) = 1 billion bytes/s.

4. MTBF was based on actual tests using Telcordia mean time to failure stress tests.

5. Please visit https://support.hp.com for details on warranty service of specific areas.