

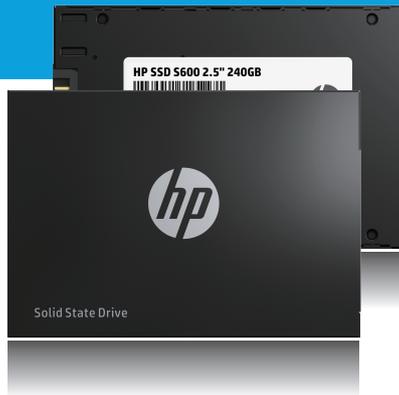


# Designed to Rejuvenate Your PC

## HP SSD S600 2.5"



HP SSD S600 2.5" SATA is suitable for use in Notebook and Desktop PC's, regardless of whether it is a new or old machine. This upgrade will raise the performance level of your Notebook or Desktop PC and allow you to enjoy better responsiveness on your computer regardless of the task.



HP SSD S600 is specifically designed to speed up mobile and desktop computing tasks. Super quick response for reads and writes will invigorate slower computer systems and improve your productivity and user experience. HP SSD S600 has undergone rigorous HP Labs testing to provide highest quality assurance and reliability. There is also a limited 3 year product warranty.

### Marvell Controller

HP SSD S600 utilizes the Marvell 88NV1120 controller with integrated SRAM and reaches 520MB/s read and 500MB/s write speeds, raising overall PC responsiveness and operational efficiency.

### Uses 3D NAND Flash

HP SSD S600 series is built using 3D NAND Flash. This new multilayer stacking technique is superior to older 2D NAND technology, affording higher levels of storage density and durability.

### Superior Durability

HP SSD S600 series employs NAND Edge LDPC algorithms, as well as Embedded SRAM (in place of external DRAM) to enhance durability and reliability for today's demanding users.

### Special Firmware for Data Security

Strict adherence to HP Authentication Firmware provides effective protection from hackers and computer viruses for the data passed between the system and the HP SSD S600.



**High Performance**



**Durability**



**Silent**



**Power Savings**



### HP SSD Advantages

HP SSD has continuously innovated and improved on storage technology for every consumer application for both mainstream and enthusiast computer systems. Compared with traditional spinning platter hard drive storage devices, upgrading to HP SSD will improve your overall computing experience, such as: faster read and write speeds, shorter computer boot times, better responsiveness, excellent shock resistance and durability. Coming from the leading PC Brand, HP SSD are built better beginning from research, design, and all the way through strict quality control in the manufacturing process. This is the HP Brand philosophy in action.

HP SSD are fully compliant with the HP DST self test preinstallation environment, which means that it is 100% compatible and works reliably with all contemporary consumer HP PC's. HP SSD is supported by a Global network of service locations and also a local 800-number for service and support. You can also find additional information and supporting documentation on the HP product web site.



# S600 Hardware Specifications

Specifications	HP SSD S600	
	120GB	240GB
<b>Interface</b>		
HP SSD S600 2.5" / 7mm	SATA 6.0 Gb/s	SATA 6.0 Gb/s
<b>Operating Speeds</b>		
Sequential Read Speed Up To	520 MB/s	
Sequential Write Speed Up To	500 MB/s	
Random Read Operations	23 K IOPS	24 K IOPS
Random Write Operations	58 K IOPS	59 K IOPS
<b>Durability</b>		
MTBF (Mean Time Between Failures)	2,000,000 hours	
<b>Operating Environment</b>		
Storage Temperature	-40°C to 85°C / -40°F to 185°F	
Working Temperature	0°C to 70°C / 32°F to 158°F	
Shock Resistance	3.1G RMS (2-500 Hz)	
Certifications	CE, CB, FCC, cTUVus, KCC, BSMI, VCCI, RoHS, RCM	
Warranty/Endurance:	3 years or 70 TBW	3 years or 145 TBW
<b>Product Dimensions</b>		
Size	100 x 69.8 x 6.7 mm / 3.94" x 2.75" x 0.26"	
Weight	≤ 50g	

Specifications subject to change without notice.

1. Backwards compatible with SATA II and I.
2. May not be 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. SATA 6 Gb/s maximum effective data transmission rate is based on the Serial ATA specifications published by the SATA-IO organization. For more information about this, please visit [www.sata-io.org](http://www.sata-io.org)
4. DIPM (Device-Initiated Power Management) was measured using the MobileMark™ 2012 benchmark.
5. MTBF was based on actual tests using Telcordia mean time to failure stress tests.

