

HyperX Savage SSD

KINGSTON.COM/HYPERX

Powerful performance, unparalleled design.

HyperX® Savage solid-state drive offers extreme performance for the extreme performer. The fastest HyperX SATA-based SSD, it's powered by a quad-core, 8-channel Phison S10 controller that delivers incredible speeds up to 560MB/s read and 530MB/s write, with read/write IOPS up to 100k/89k. The result is ultra-responsive multitasking and an overall faster system that maintains performance even as the drive fills up.

With its low profile and slim, 7mm form factor, HyperX Savage SSD fits in most notebooks, desktops and HTPC builds. Its unique look, with high-quality red steel and aluminum casing and diamond-cut design, helps you stand out in the crowd and complements the latest PC hardware.

It's available in a bundle kit that includes everything you need to install Savage in your existing system, including a USB 3.0 enclosure to transfer data from 2.5" hard drives; a 2.5"–3.5" adapter to mount in a desktop environment; SATA data cable; multi-bit screwdriver and Acronis® data migration software. HyperX Savage SSD is 100-percent factory tested and backed by a three-year warranty, free technical support and legendary reliability.

- > Powered by a Phison controller with SATA Rev 3.0 (6Gb/s) performance
- > Speeds up to 560MB/s read and 530MB/s write
- > Bundle includes a USB 3.0 external enclosure for blazing fast data transfer speeds even with an HDD



HyperX Savage is ideal for:

- Ultra-responsive multitasking
- An overall faster system
- Quick transfer and edit of large media files
- Power users, content creators and enthusiasts

Features/ specs on reverse >>

HYPERX

HyperX Savage SSD

FEATURES/ BENEFITS

- > **Performance** — incredible speeds for enhanced productivity
- > **Unique design** — stunning red casing to give an edge to the latest PC hardware
- > **Slim** — 7mm thickness to fit in most desktops and notebooks
- > **Fast and easy migration** — all-in-one kit available with premium HyperX accessories, including a handy multi-kit screwdriver and USB 3.0 enclosure for easy installation
- > **Guaranteed** — three-year warranty and free technical support

SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0 (3Gb/s)
- > **Capacities**¹ 120GB, 240GB, 480GB, 960GB
- > **Controller** Phison PS3110-S10
- > **Baseline Performance**²

Compressible Data Transfer (ATTO)

120GB — 560MB/s Read and 360MB/s Write
240GB, 480GB, 960GB — 560MB/s Read and 530MB/s Write

Incompressible Data Transfer (AS-SSD and CrystalDiskMark)

120GB — 520MB/s Read and 350MB/s Write
240GB — 520MB/s Read and 510MB/s Write
480GB — 520MB/s Read and 500MB/s Write
960GB — 520MB/s Read and 490MB/s Write

IOMETER Maximum Random 4k Read/Write

120GB — up to 100,000/ up to 84,000 IOPS
240GB — up to 100,000/ up to 89,000 IOPS
480GB — up to 100,000/ up to 88,000 IOPS
960GB — up to 99,000/ up to 89,000 IOPS

Random 4k Read/Write

120GB — up to 93,000/ up to 83,000 IOPS
240GB — up to 93,000/ up to 89,000 IOPS
480GB — up to 92,000/ up to 89,000 IOPS
960GB — up to 97,000/ up to 89,000 IOPS

PCMARK® Vantage HDD Suite Score

120GB, 240GB, 480GB, 960GB — 84,000

PCMARK® 8 Storage Bandwidth

120GB, 240GB, 480GB — 223MB/s, 960GB — 260MB/s

PCMARK® 8 Storage Score

120GB, 240GB, 480GB — 4,940, 960GB — 4,970

Anvil Total Score (Incompressible Workload)

120GB, 240GB, 480GB — 4,700, 960GB — 5,000

- > **Power Consumption** 0.39W Idle / 0.5W Avg / 1.4W (MAX) Read / 4.35W (MAX) Write
- > **Storage temperature** -40°C~85°C
- > **Operating temperature** 0°C~70°C
- > **Dimensions** 100.0mm x 69.9mm x 7.0mm
- > **Weight** 120GB, 240GB, 480GB — 96g, 960GB — 92g
- > **Vibration operating** 2.17G Peak (7~800Hz)
- > **Vibration non-operating** 20G Peak (10~2000Hz)
- > **Life expectancy** 1 million hours MTBF
- > **Warranty/support** 3-year warranty with free technical support
- > **Total Bytes Written (TBW)**³ 120GB: 113TB 0.89 DWPD⁴
240GB: 306TB 1.19 DWPD⁴
480GB: 416TB 0.81 DWPD⁴
960GB: 681TB 0.66 DWPD⁴



HYPERX PART NUMBERS

STAND-ALONE DRIVE:

SHSS37A/120G

SHSS37A/240G

SHSS37A/480G

SHSS37A/960G

UPGRADE BUNDLE KIT:

SHSS3B7A/120G

SHSS3B7A/240G

SHSS3B7A/480G

SHSS3B7A/960G

PACKAGE CONTENTS

STAND-ALONE:

- 2.5" SSD
- 3.5" bracket and mounting screws
- Hard drive cloning software – download coupon⁵
- 7mm–9.5mm adapter

UPGRADE BUNDLE KIT:

- 2.5" SSD
- 2.5" USB 3.0 enclosure
- 3.5" bracket and mounting screws
- SATA data cable
- Hard drive cloning software – download coupon⁵
- Multi-bit screwdriver
- 7mm–9.5mm adapter

This SSD is designed for use in desktop and notebook computer workloads, and is not intended for Server environments.

¹ Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash memory Guide at kingston.com/flashguide.

² Based on "out-of-box performance" using a SATA Rev. 3.0 motherboard. Speed may vary due to host hardware, software, and usage. IOMETER Random 4k Random Read/Write is based on 8GB partition.

³ Total Bytes Written (TBW) is derived from the JEDEC Client Workload (JESD219A).

⁴ Drive Writes Per Day (DWPD)

⁵ Operating system software support: Windows® 8.1, 8, Windows® 7 (SP1), Windows Vista® (SP2), Windows XP (SP3)



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