HyperX FURY SSD

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Impressive performance. Affordable price. You game?

HyperX® FURY SSD offers high performance at an affordable price, to get you in the game faster and improve boot times, application loading and file execution for overall improved responsiveness. Maps and levels in games load faster with increased frames per second, thanks to its SandForce® SF-2281 controller with SATA Rev 3.0 (6Gb/s) performance and read/write speeds of 500/500MB/s[1]. Compatible with a wider range of SATA-based desktop and notebook systems, HyperX FURY features a synchronous NAND BOM that makes it a consistently high-performing SSD ideal for system integrators, entry-level gamers and enthusiasts.

Available in 120GB–480GB capacities[2], HyperX FURY comes in a slim, 7mm SSD form factor to fit in most standard 2.5" notebook storage slots. It's a minimal investment for premium components that maximise your existing system with less disruption than buying a new system. Simply swap your old hard drive for an enhanced gaming or computing experience.

As part of HyperX's entry-level line of products, HyperX FURY complements entry-level HyperX memory for a one-brand solution and consistent HyperX branding for system integrators. Now gamers, enthusiasts and integrators have a reliable, entry-level SSD option.

HyperX FURY SSD is cooler and quieter than a traditional hard drive, making it the ideal replacement. It's shock- and vibration-resistant, and, with no moving parts, it's less likely to fail than a hard drive and delivers rugged reliability for notebooks and other mobile computing devices.

> SandForce® SF-2281 controller for SATA Rev 3.0 (6Gb/s) performance

> Affordable upgrade maximises system investment

> Entry-level SSD with consistent HyperX® branding

> Cool, rugged and durable, with no moving parts

Features/specs on reverse >>

HyperX FURY SSD

FEATURES/BENEFITS

> **Driven by a Seagate SandForce Controller** — Featuring a proven SandForce® controller with SATA Rev 3.0 (6Gb/s) performance, HyperX FURY SSD will keep you in the game.

> **High-performance entry-level SSD** — With read/write speeds of 500/500 MB/s, this SSD enables faster map and level load times with increased frames per second. HyperX FURY SSD also features synchronous NAND for consistent high SSD performance.

> **Ideal for desktops and notebooks** — HyperX FURY is a 2.5-inch SSD in a 7mm form factor to fit in a wider array of systems. It's ideal for slimmer notebooks or custom builds with limited space available.

> **Multiple capacities** — To suit your exact needs, HyperX FURY SSD comes in capacities of up to 480GB and can work as a boot drive or a true hard drive replacement.

SPECIFICATIONS

> **Form factor** 2.5"

> **Interface** SATA Rev. 3.0 (6Gb/s) with backwards compatibility to SATA Rev. 2.0

> **Capacities**[2] 120GB, 240GB, 480GB

> **Baseline performance**[1]
Compressible data transfer (ATTO)
all capacities: 500MB/s read and 500MB/s write
Incompressible data transfer (AS-SSD and CrystalDiskMark)
120GB — 420MB/s read and 120MB/s write
240GB — 470MB/s read and 220MB/s write
480GB — 450MB/s read and 208MB/s write
IOMETER maximum 4k read/write
120GB — up to 84,000/ up to 52,000 IOPS
240GB — up to 84,000/ up to 41,000 IOPS
480GB — up to 73,000/ up to 28,000 IOPS

Random 4k read/write	120GB — up to 11,500/ up to 52,000 IOPS 240GB — up to 22,000/ up to 41,000 IOPS 480GB — up to 30,000/ up to 41,000 IOPS
PCMark® Vantage HDD Suite score	120GB — 60,000 240GB — 60,000 480GB — 57,000
PCMark® 8 storage bandwidth	120GB — 140 MB/s 240GB — 180 MB/s 480GB — 200 MB/s

> **Power Consumption** 0.31 W idle / 0.35 W avg / 1.65 W (MAX) read / 2.76 W (MAX) write

> **Storage temperature** -40°C~85°C

> **Operating temperature** 0°C~70°C

> **Dimensions** 69.8mm x 100.1mm x 7mm

> **Weight** 90.03g

> **Vibration operating** 2.17G Peak (7–800Hz)

> **Vibration non-operating** 20G Peak (10–2000Hz)

> **Life expectancy** 1 million hours MTBF

> **Warranty/support** three-year warranty with free technical support

> **Total Bytes Written (TBW)**[3]
120GB: 354TB 2.75 DWPD[4]
240GB: 641TB 2.5 DWPD[4]
480GB: 750TB 1.45 DWPD[4]

PART NUMBERS

SHFS37A/120G

SHFS37A/240G

SHFS37A/480G

This SSD is designed for use in desktop and notebook computer workloads and is not intended for server environments

1 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.

2 Some of the listed capacity on a Flash storage device is used for formatting and other functions and is thus 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.

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

4 Drives Writes Per Day (DWPD).

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