HyperX performance at an exceptional price.

Budget-minded gamers and enthusiasts will benefit from the lower price of Kingston's new HyperX® 3K SSD. This solid-state drive combines premium 3000 program-erase cycle synchronous NAND with the second-generation SandForce® controller. Its lower price means more users can experience ultra-responsive gaming, multitasking and multimedia computing power.

HyperX 3K loads games and applications faster, increases frames per second (FPS) for an improved gaming experience and allows for quick transfers and edits of large media files.

HyperX 3K provides high-speed SATA Rev. 3.0 (6Gb/s) performance and blazing fast random and sequential read/write speeds. SandForce DuraClass™ technology provides the latest data integrity protection for ultimate endurance over the entire life of the drive.

HyperX 3K SSD comes in a sleek, black and aluminum case design, accentuating the look of any power user's system. For added peace of mind, HyperX 3K SSD is backed by a three-year warranty and legendary Kingston® reliability.

> SandForce driven
> SATA Rev. 3.0 (6Gb/s)

Applications
- Decreased load times of high-resolution PC games
- Increased frame rates per second for a better gaming experience
- Faster transfers of large media files
- Multitasking
- AutoCAD
- Movie downloads, transfers and syncs

HyperX 3K SSD

FEATURES/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

> **Controller** SandForce® SF-2281

> **Sequential Read/Writes**[2] SATA Rev. 3.0:
> 120GB/240GB – up to: 555/510MB/s
> 480GB – up to: 540/450MB/s

> **Maximum 4K Read/Write**[2] 120GB – 86,000/79,000 IOPS
> 240GB – 86,000/73,000 IOPS
> 480GB – 74,000/32,000 IOPS

> **Random 4K Read/Write**[2] 120GB – 24,000/79,000 IOPS
> 240GB – 45,000/69,000 IOPS
> 480GB – 50,000/22,000 IOPS

> **PCMARK® Vantage HDD Suite Score**
> 120GB / 240GB / 480GB: 60,000

> **Additional Features** Supports S.M.A.R.T., TRIM, and Garbage Collection

> **Total Bytes Written (TBW)**[3] 120GB: 96TB
> 240GB: 192TB
> 480GB: 384TB

> **Power Consumption** 0.455 W Idle / 0.6 W Avg / 1.58 W (MAX) Read / 2.11 W (MAX) Write

> **Operating temperatures** 0°C ~ 70°C

> **Storage temperatures** -40°C ~ 85°C

> **Dimensions** 69.85mm x 100mm x 9.5mm

> **Weight** 97g

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

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

> **MTBF** 1,000,000 Hrs

> **Warranty/support** 3-year warranty with free technical support

KINGSTON PART NUMBERS

SH103S3/120G (stand-alone drive)

SH103S3/240G (stand-alone drive)

SH103S3/480G (stand-alone drive)

SH103S3B/120G (upgrade bundle kit)

SH103S3B/240G (upgrade bundle kit)

SH103S3B/480G (upgrade bundle kit)

PACKAGE CONTENTS

• Stand-alone
  – 2.5" SSD
  – 3.5" bracket and mounting screws
• Upgrade Bundle Kit
  – 2.5" SSD
  – 2.5" USB Enclosure
  – 3.5" bracket and mounting screws
  – SATA data cable
  – Hard drive cloning software[4] and installation guide
  – Multi-bit Screwdriver