

SSDNow V+200

FEATURES/BENEFITS

- > **Dramatic performance increase for any system upgrade**
- > **Multiple capacities** — the right capacity to meet your storage standards
- > **Endurance** — data integrity protection featuring DuraClass technology
- > **Dependable** — RAISE™¹ for advanced data reliability
- > **Secure** — self-encrypting drive technology
- > **Durable** — DuraWrite™ optimises writes to extend endurance
- > **Reliable** — three-year warranty, free technical support

SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA Rev 3.0 (6Gb/s), SATA Rev 2.0 (3Gb/s), SATA Rev 1.0 (1.5Gb/s)
- > **Capacities**² 60GB, 90GB, 120GB, 240GB, 480GB
- > **Sequential reads**³ SATA Rev. 3.0 — 535MB/s
SATA Rev. 2.0 — 280MB/s
- > **Sequential writes**³ SATA Rev. 3.0: 60GB — 460MB/s
90GB, 120GB, 240GB, 480GB — 480MB/s
SATA Rev. 2.0: 260MB/s
- > **Sustained random 4k read/write**⁴ 60GB — 12,000/47,000 IOPS
90GB — 20,000/47,000 IOPS
120GB — 20,000/44,000 IOPS
240GB — 36,000/43,000 IOPS
480GB — 43,000/30,000 IOPS
- > **Max. random 4k read/write**⁴ 60GB — 85,000/60,000 IOPS
90GB — 85,000/57,000 IOPS
120GB — 85,000/55,000 IOPS
240GB — 85,000/43,000 IOPS
480GB — 75,000/34,000 IOPS
- > **Power consumption**
0.565 W (TYP) idle / 1.795 W (TYP) read / 2.065 W (TYP) write
- > **Storage temperature** -40°C ~ 85°C
- > **Operating temperature** 0°C ~ 70°C
- > **Dimensions** 69.9mm x 100mm x 7mm
- > **Weight** 92.3 grams
- > **Vibration operating** 2.17G
- > **Vibration non-operating** 20G
- > **MTBF** 1,000,000 hrs
- > **Total Bytes Written (TBW)**⁵ 60GB: 48TB
90GB: 72TB
120GB: 96TB
240GB: 192TB
480GB: 384TB

Test system: ASRock P67 motherboard, Intel Core i7 2600k 3.4GHz CPU, 8GB system memory, NVIDIA GTX 460 video card. SSD tested as secondary drive with results based on "out-of-box" performance.



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

¹ Available on drives 120GB and higher.

² Please note: 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/flash_memory_guide.

³ Based on "out-of-box performance" with ATTO Disk Benchmark 2.41. Speed may vary due to host hardware, software and usage.

⁴ Based on "out-of-box performance" with IOMeter08.

⁵ Total Bytes Written (TBW) refers to how much total data can be written to an SSD for a given workload before the drive reaches its endurance limits.

⁶ Operating system software support: Windows® 7, Windows Vista® (SP2), Windows XP (SP3)

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KINGSTON PART NUMBERS

SVP200S37A/60G	stand-alone drive
SVP200S37A/90G	stand-alone drive
SVP200S37A/120G	stand-alone drive
SVP200S37A/240G	stand-alone drive
SVP200S37A/480G	stand-alone drive
SVP200S3B7A/60G	upgrade bundle kit
SVP200S3B7A/90G	upgrade bundle kit
SVP200S3B7A/120G	upgrade bundle kit
SVP200S3B7A/240G	upgrade bundle kit
SVP200S3B7A/480G	upgrade bundle kit

BUNDLES INCLUDE

- 2.5" SSD
- 2.5" USB enclosure
- 3.5" brackets and mounting screws
- SATA power and data cable
- Hard drive cloning software⁶
- Installation guide
- 7mm to 9.5mm adapter

