



SSDNow

## Achieve the perfect balance between performance and affordability.

Kingston's V+200 SSDNow solid-state drive combines exceptional quality and performance with an affordable price, making it ideal for businesses and consumers alike. It is driven by an award-winning SandForce® controller for best-in-class sequential read/write speeds and powered by a backwards-compatible SATA Rev. 3.0 (6Gb/s) interface.

For businesses, V+200 offers Data Integrity Protection that features DuraClass™ Technology plus RAISE™<sup>1</sup> for advanced data reliability. It's designed to take the performance hit out of software encryption, so businesses can gain back the performance lost and increase their employees' user experience. V+200 comes in multiple capacities to meet the specific client storage standards of any business.

For home users and consumers, V+200 is a great way to dramatically improve the performance of desktops and notebooks on PC or Mac platforms. Solid-state drives are faster and more reliable than traditional hard drives; they're also shock-proof and run silently while generating less heat than hard drives.

SSDNow V+200 is backed by a three-year warranty and the legendary reliability that makes Kingston® the world's independent memory leader.

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

SSDNow V+200



Features/specs on reverse >>

## 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™<sup>1</sup> for advanced data reliability
- > **Secure** — Self-Encrypting Drive technology
- > **Durable** — DuraWrite™ optimizes 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**<sup>2</sup> 60GB, 90GB, 120GB, 240GB, 480GB
- > **Sequential Reads**<sup>3</sup> SATA Rev. 3.0 — 535MB/s  
SATA Rev. 2.0 — 280MB/s
- > **Sequential Writes**<sup>3</sup> SATA Rev. 3.0: 60GB — 460MB/s  
90GB, 120GB, 240GB, 480GB — 480MB/s  
SATA Rev. 2.0: 260MB/s
- > **Sustained Random 4k Read/Write**<sup>4</sup> 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**<sup>4</sup> 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** 69.9 x 100 x 7mm
- > **Weight** 92.3 grams
- > **Vibration operating** 2.17G
- > **Vibration non-operating** 20G
- > **MTBF** 1,000,000 Hrs
- > **Total Bytes Written (TBW)**<sup>5</sup> 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 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/flash\\_memory\\_guide](http://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 software<sup>6</sup>
- Installation guide
- 7mm to 9.5mm adapter



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