



## SSDNow V200

### FEATURES/BENEFITS

- > **Faster** — boots system and applications faster
- > **Reliable** — with no moving parts, solid-state drives are less likely to fail than a standard hard drive
- > **Convenient** — all-in-one kits with all the components for easy installation
- > **Multiple capacities** — to fit your needs
- > **Form Factor** — 2.5-inch drive available in both 7.0mm (64GB & 128GB only) & 9.5mm (256GB) to fit more systems
- > **Silent** — runs silent and cool

### SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0
- > **Capacities**<sup>1</sup> 64GB, 128GB, 256GB
- > **Sequential Reads** 64GB — 260MB/s  
128GB — 300MB/s  
256GB — 300MB/s
- > **Sequential Writes**<sup>2</sup> 64GB — 100MB/s  
128GB — 190MB/s  
256GB — 230MB/s
- > **Sustained Random 4k Read/Write**<sup>3</sup>  
64GB — up to 32K/ up to 1.4K IOPS  
128GB — up to 36K/ up to 2.5K IOPS  
256GB — up to 32K/ up to 4K IOPS
- > **Power Consumption** 0.491 W (TYP) Idle / 1.87 W (TYP) Write
- > **Storage temperatures** -40 ~ 85°C
- > **Operating temperatures** 0 ~ 70°C
- > **Dimensions** 64 and 128GB — 69.8mm x 100.1mm x 7mm  
256GB — 69.8mm x 100.1mm x 9.5mm
- > **Weight** 64GB & 128GB — 88g  
256GB — 105.2g
- > **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 24/7 support



### KINGSTON PART NUMBERS

SV200S37A/64G	Stand-alone drive
SV200S37A/128G	Stand-alone drive
SV200S3/256G	Stand-alone drive
SV200DS37/64G	Desktop upgrade kit
SV200DS37/128G	Desktop upgrade kit
SV200DS3/256G	Desktop upgrade kit
SV200NS37A/64G	Notebook upgrade kit
SV200NS37A/128G	Notebook upgrade kit
SV200NS3/256G	Notebook upgrade kit
SV200S3B7A/64G	Desktop/Notebook upgrade kit
SV200S3B7A/128G	Desktop/Notebook upgrade kit
SV200S3B/256G	Desktop/Notebook upgrade kit

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

<sup>1</sup> 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).

<sup>2</sup> Based on "out-of-box performance" with ATTO Disk Benchmark 2.41. Speed may vary due to host hardware, software, and usage.

<sup>3</sup> Based on "out-of-box performance" with IOMeter.

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