

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** — cool and silent operation

SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0
- > **Capacities**¹ 64GB, 128GB, 256GB
- > **Sequential reads** 64GB — 260MB/s
128GB — 300MB/s
256GB — 300MB/s
- > **Sequential writes**² 64GB — 100MB/s
128GB — 190MB/s
256GB — 230MB/s
- > **Sustained random 4k read/write**³
64GB — up to 39K/ up to 3.3k IOPS
128GB — up to 38K/ up to 5.5K IOPS
256GB — up to 32K/ up to 4K IOPS
- > **Power consumption** 2.0 W (TYP) idle / 4.8 W (TYP) write
- > **Storage temperatures** -40°C ~ 85°C
- > **Operating temperatures** 0°C ~ 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 technical support
- > **Total Bytes Written (TBW)**⁵ 64GB: 18TB
128GB: 36TB
256GB: 36TB



Test system: Intel DP67BG motherboard, Intel 2500K CPU, 4GB system memory. SSD tested as a primary 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 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.

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

3 Based on "out-of-box performance" with IOMeter.

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

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.

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FLASH DRIVE
SOLID STATE DRIVE
SSD
SILENT
STORAGE
NON-STOP



KINGSTON PART NUMBERS

SV200S37A/64G	Stand-alone drive
SV200S37A/128G	Stand-alone drive
SV200S3/256G	Stand-alone drive
SV200S3D7/64G	Desktop upgrade kit
SV200S3D7/128G	Desktop upgrade kit
SV200S3D/256G	Desktop upgrade kit
SV200S3N7A/64G	Notebook upgrade kit
SV200S3N7A/128G	Notebook upgrade kit
SV200S3N/256G	Notebook upgrade kit
SV200S3B7A/64G	Desktop/notebook upgrade kit
SV200S3B7A/128G	Desktop/notebook upgrade kit
SV200S3B/256G	Desktop/notebook upgrade kit

PACKAGE CONTENTS

Desktop Kit

- 3.5" bracket & mounting screws
- SATA data & power cables
- Hard drive cloning software⁴
- Installation guide

Notebook Kit

- 2.5" USB enclosure
- Hard drive cloning software⁴
- Installation guide

