



SSD NOW

## Increase performance and extend the life of existing systems.

Kingston Technology's SSDNow V100 solid-state drive dramatically improves performance with impressive speeds. It makes any user more productive by speeding up boot times and application loads while removing hard drive crashes and failures.

SSDNow V100 is ideal for consumers or small businesses looking for an affordable way to extend the life of desktops or notebooks at a lower cost than a replacement system. It's perfect for home users, freelance designers and photographers, video editors, researchers, administrators and educators, and anyone who travels for their job. It's built with no moving parts to provide durability and reliability and meet the needs of professionals in the office or on the road.

The switch to an SSD solution is made easy via upgrade kits for either notebook or desktop systems. The V100 kits include everything for installing the SSD such as cables, brackets (desktop only) and software to clone all the user's key files — documents, movies, music, games — and OS in minutes. The notebook kit comes with an enclosure to repurpose the system's old hard drive into extra storage via a USB port.

SSDNow is backed by a three-year warranty, live 24/7 tech support and legendary Kingston® reliability.

- > Improves system performance by 50%
- > Supports TRIM and S.M.A.R.T

SSDNow V100



Features/specs on reverse >>

## SSDNow V100

### FEATURES/BENEFITS

- > **Performance** — enhances productivity; makes users more efficient
- > **Innovative** — 2.5" form factor; uses NAND Flash memory
- > **components** — no moving mechanical parts so the SSD handles rougher conditions
- > **Silent** — runs silent and cool with no moving mechanical parts
- > **Reliable** — less likely to fail than a standard hard drive
- > **Shock-Resistant** — no moving mechanical parts so the SSD handles rougher conditions
- > **Supports TRIM** — ensures maximum performance on compatible operating systems\*
- > **Supports S.M.A.R.T.**
- > **Guaranteed** — three-year warranty, 24/7 tech support

### SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA 1.5Gb/s and 3.0Gb/s
- > **Capacities\*\*** 32GB, 64GB, 128GB, 256GB
- > **Dimensions** 69.85mm x 100mm x 9.5mm
- > **Weight** 78 grams
- > **Storage temperatures** -40 ~ 85°C
- > **Operating temperatures** 0 ~ 70°C
- > **Vibration operating** 2.7G
- > **Vibration non-operating** 20G
- > **Sequential Read Throughput**
  - 256GB — 250MB/s read
  - 128GB — 250MB/s read
  - 64GB — 250MB/s read
  - 32GB — 160MB/s read
- > **Sequential Write Throughput**
  - 256GB — 230MB/s write
  - 128GB — 230MB/s write
  - 64GB — 145MB/s write
  - 32GB — 70MB/s write
- > **PCMARK® Vantage HDD Suite Score†**
  - 32GB — 16,982
  - 64GB — 19,932
  - 128GB — 20,571
  - 256GB — 19,910
- > **Power specs** 6.4 W (TYP) Active / 1.0W (TYP) Idle
- > **MTBF** 1,000,000 Hrs



### KINGSTON PART NUMBERS

SV100S2/32G	(stand-alone drive)
SV100S2/64GZ	(stand-alone drive)
SV100S2/128GZ	(stand-alone drive)
SV100S2/256GZ	(stand-alone drive)
SV100S2D/32G	(desktop bundle)
SV100S2D/64GZ	(desktop bundle)
SV100S2N/64GZ	(notebook bundle)
SV100S2D/128GZ	(desktop bundle)
SV100S2N/128GZ	(notebook bundle)
SV100S2D/256GZ	(desktop bundle)
SV100S2N/256GZ	(notebook bundle)

\* Windows 7, Windows Server 2008 R2

\*\* 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 Guide at [kingston.com/flash\\_memory\\_guide](http://kingston.com/flash_memory_guide).

† Test system: Intel DG45ID Desktop Motherboard, Intel Core 2 Quad Q9550 CPU @ 2.83GHz, System Memory 4GB, On-Board SATA 3Gbps with AHCI-Enabled Window 7 64-bit.

