

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





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 \sim 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

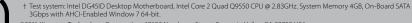
> PCMARK[®] Vantage HDD Suite Score[†]

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

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



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KINGSTON PART NUMBERS

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



