



SSDNow

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 teachers, 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 desktop systems. The V100 kits include everything for installing the SSD such as cables, brackets and software to clone all the user's key files — documents, movies, music, games — and OS in minutes.

SSDNow is backed by a three-year warranty and legendary Kingston® reliability.

- > Improves system performance by 50%
- > Supports TRIM and SMART

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** — cool and silent operation 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 systems¹
- > **Supports SMART**
- > **Guaranteed** — three-year warranty, free technical support

SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA 1.5Gb/s and 3.0Gb/s
- > **Capacities²** 32GB
- > **Dimensions** 69.85mm x 100mm x 9.5mm
- > **Weight** 78 grams
- > **Storage temperatures** -40°C ~ 85°C
- > **Operating temperatures** 0°C ~ 70°C
- > **Vibration operating** 2.7G
- > **Vibration non-operating** 20G
- > **Sequential read throughput³** 32GB – 160MB/s read
- > **Sequential write throughput³** 32GB – 70MB/s write
- > **Power specs** 6.4 W (TYP) active / 1.0 W (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.

1 Windows 7, Windows Server 2008 R2

2 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 Guide at kingston.com/flash_memory_guide.

3 Speed may vary due to host hardware, software and usage.

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

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FLASH DRIVE
FLASH MEMORY
SOLID-STATE DRIVE
SSDs
SILENT
STORAGE
NON-STOP



KINGSTON PART NUMBERS

SV100S2/32G (stand-alone drive)

SV100S2D/32G (desktop bundle)

PACKAGE CONTENTS

Desktop Kit

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

