



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 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 S.M.A.R.T
- > 2.5" case or half-slim, caseless design

SSDNow V100



Caseless product available as special order only.

Features/specs on reverse >>

## SSDNow V100

### FEATURES/BENEFITS

- > **Performance** — enhances productivity; makes users more efficient
- > **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<sup>1</sup>
- > **Supports S.M.A.R.T.**
- > **Guaranteed** — three-year warranty, free technical support

### SPECIFICATIONS

- > **Form factor** 2.5" or half-slim caseless
- > **Interface** SATA 1.5Gb/s and 3.0Gb/s
- > **Capacities**<sup>2</sup> 32GB
- > **Dimensions** 2.5" Case: 69.85 x 100 x 9.5mm  
Half-slim caseless: 54 x 40mm
- > **Weight** 2.5" Case: 78 grams  
Half-slim caseless: 8.32 grams
- > **Storage temperatures** -40 ~ 85°C
- > **Operating temperatures** 0 ~ 70°C
- > **Vibration operating** 2.7G
- > **Vibration non-operating** 20G
- > **Sequential Read Throughput**<sup>3</sup> 32GB – 160MB/s read
- > **Sequential Write Throughput**<sup>3</sup> 32GB – 70MB/s write
- > **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.

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 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).

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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### KINGSTON PART NUMBERS

SV100S2/32G	(stand-alone drive)
SV100S2D/32G	(desktop bundle)
KG-S2632	(Half-slim caseless)

Caseless product available as special order only.

### PACKAGE CONTENTS

- Desktop Kit
- 3.5" Bracket & Mounting Screws
  - SATA Data & Power Cable
  - Hard Drive Cloning Software<sup>4</sup>
  - Installation Guide

