

# SSDNow V300

kingston.com/ssd

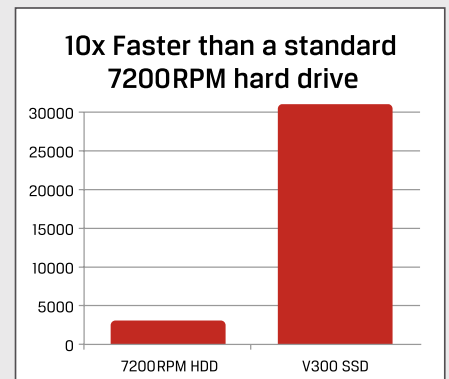
## Revive your computer.

Get more life out of your computer and maximize your existing investment by replacing your old hard drive with a Kingston® SSDNow V300 solid-state drive. It's the most cost-efficient way to dramatically improve the responsiveness of your system — and it's less disruptive than migrating your data to a new system.

SSDNow V300 features an LSI® SandForce® controller customized for Kingston and optimized for next-generation Flash memory to deliver the utmost in quality and reliability from two leading SSD brands. Because it's made with solid-state components and has no moving parts, it's shock-proof and withstands drops and bumps.

SSDNow V300 is easy to install and available in kits that include all the accessories you'll need, including the software to clone your files and OS in minutes. It's backed by a three-year warranty, free technical support and legendary Kingston reliability.

- › Cost-effective system upgrade
- › Makes your system more responsive
- › Maximizes your computer investment



Based on PCMark® Vantage, Advanced Edition, HDD Test Suite

Features/specs on reverse >>



# SSDNow V300

## FEATURES/BENEFITS

- > **Faster** — improves speed of loading applications and system boot up
- > **Reliable** — with no moving parts, solid-state drives are less likely to fail than standard hard drives
- > **Economical** — design optimized to make migrating to an SSD more affordable
- > **Convenient** — all-in-one kits with all the components for easy installation
- > **Multiple capacities** — to fit your workload
- > **Form factor** — 2.5-inch drive available in 7.0mm with adapter to fit in 9.5mm systems
- > **Silent** — runs silent and cool

## SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0
- > **Capacities**<sup>1</sup> 120GB, 240GB, 480GB
- > **NAND MLC**
- > **Baseline Performance**<sup>2</sup>
  - Compressible Data Transfer (ATTO)**  
All capacities: 450MB/s Read and 450MB/s Write
  - Incompressible Data Transfer (AS-SSD and CrystalDiskMark)**  
120GB — 180MB/s Read and 133MB/s Write  
240GB — 191MB/s Read and 142MB/s Write  
480GB — 450MB/s Read and 208MB/s Write
  - IOMETER Maximum Random 4k Read/Write**  
120GB — up to 85,000/ up to 55,000 IOPS  
240GB — up to 85,000/ up to 43,000 IOPS  
480GB — up to 73,000/ up to 28,000 IOPS
  - PCMARK® Vantage HDD Suite Score**  
120GB: 49,000  
240GB: 57,000  
480GB: 57,000
- > **Power Consumption**  
0.640 W Idle / 1.423 W Read / 2.052 W Write
- > **Storage temperatures** -40°C~85°C
- > **Operating temperatures** 0°C~70°C
- > **Dimensions** 69.8mm x 100.1mm x 7mm
- > **Weight** 86g
- > **Vibration operating** 2.17G Peak (7–800Hz)
- > **Vibration non-operating** 20G Peak (10–2000Hz)
- > **Life expectancy** 1 million hours MTBF
- > **Warranty/support** 3-year warranty with free technical support
- > **Total Bytes Written (TBW)**<sup>4</sup>
  - 120GB: 64TB
  - 240GB: 128TB
  - 480GB: 256TB



## KINGSTON PART NUMBERS

SV300S37A/120G	Stand-alone drive
SV300S37A/240G	Stand-alone drive
SV300S37A/480G	Stand-alone drive
SV300S3D7/120G	Desktop upgrade kit <sup>5</sup>
SV300S3D7/240G	Desktop upgrade kit <sup>5</sup>
SV300S3D7/480G	Desktop upgrade kit <sup>5</sup>
SV300S3N7A/120G	Notebook upgrade kit <sup>5</sup>
SV300S3N7A/240G	Notebook upgrade kit <sup>5</sup>
SV300S3N7A/480G	Notebook upgrade kit <sup>5</sup>
SV300S3B7A/120G	Desktop/Notebook upgrade kit
SV300S3B7A/240G	Desktop/Notebook upgrade kit
SV300S3B7A/480G	Desktop/Notebook upgrade kit

## PACKAGE CONTENTS

- Desktop Upgrade Kit
  - 3.5" bracket & mounting screws
  - SATA data & power cables
  - Hard drive cloning software<sup>3</sup> and installation video (DVD)
- Notebook Upgrade Kit
  - 2.5" USB enclosure
  - Hard drive cloning software<sup>3</sup> and installation video (DVD)
  - 7mm to 9.5mm adapter
- Desktop/Notebook Upgrade Kit
  - 2.5" USB enclosure
  - 3.5" bracket & mounting screws
  - SATA data & power cables
  - Hard drive cloning software<sup>3</sup> and installation video (DVD)
  - 7mm to 9.5mm adapter

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

- Please note: 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 memory Guide at [kingston.com/flashguide](http://kingston.com/flashguide).
- Based on "out-of-box performance" using a SATA Rev. 3.0 motherboard. Speed may vary due to host hardware, software, and usage.
- Operating system software support: Windows® 10, 8.1, 8, 7 (SP1)
- 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.
- Not available in all countries.



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TECHNOLOGY