

SSDNow V300



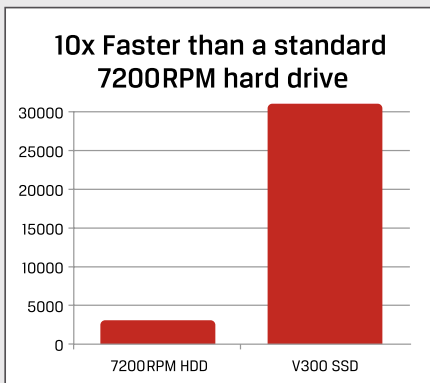
Revive your computer.

Get more life out of your computer and maximise 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 customised for Kingston and optimised 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
- > Maximises 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 optimised 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** — cool and silent operation

SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0
- > **Capacities**¹ 60GB, 120GB, 240GB, 480GB
- > **Baseline performance**²
 - Compressible data transfer (ATTO)**
All capacities: 450MB/s read and 450MB/s write
 - Incompressible data transfer (AS-SSD and CrystalDiskMark)**
60GB — 150MB/s read and 50MB/s write
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**
60GB — up to 85,000/ up to 60,000 IOPS
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**
60GB: 39,000
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)**⁴ 60GB: 32TB
120GB: 64TB
240GB: 128TB
480GB: 256TB



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

1. Please note: 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 memory Guide at kingston.com/flashguide.

2. Based on "out-of-box performance" using a SATA Rev. 3.0 motherboard. Speed may vary due to host hardware, software and usage.

3. Operating system software support: Windows® 7 (SP1), Windows Vista® (SP2), Windows XP (SP3)

4. 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.

5. Not available in all countries.

THIS DOCUMENT SUBJECT TO CHANGE WITHOUT NOTICE.

©2014 Kingston Technology Europe Co LLP and Kingston Digital Europe Co LLP, Kingston Court, Brooklands Close, Sunbury-on-Thames, Middlesex, TW16 7EP, England. Tel: +44 (0) 1932 738888 Fax: +44 (0) 1932 785469. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. MKD-251.3EN

FLASH MEMORY STORE
DURABLE
SOLID-STATE DRIVE
UPGRADE KIT
PERFORMANCE



KINGSTON PART NUMBERS

SV300S37A/60G	Stand-alone drive
SV300S37A/120G	Stand-alone drive
SV300S37A/240G	Stand-alone drive
SV300S37A/480G	Stand-alone drive
SV300S3D7/60G	Desktop upgrade kit ⁵
SV300S3D7/120G	Desktop upgrade kit ⁵
SV300S3D7/240G	Desktop upgrade kit ⁵
SV300S3D7/480G	Desktop upgrade kit ⁵
SV300S3N7A/60G	Notebook upgrade kit ⁵
SV300S3N7A/120G	Notebook upgrade kit ⁵
SV300S3N7A/240G	Notebook upgrade kit ⁵
SV300S3N7A/480G	Notebook upgrade kit ⁵
SV300S3B7A/60G	Desktop/Notebook upgrade kit
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 (CD)³
 - Installation video (DVD)
- Notebook upgrade kit
 - 2.5" USB enclosure
 - Hard drive cloning software (CD)³
 - 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 (CD)³
 - Installation video (DVD)
 - 7mm to 9.5mm adapter

