



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for KINGSTON SSDNOW V. You'll find the answers to all your questions on the KINGSTON SSDNOW V in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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User guide KINGSTON SSDNOW V
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Instructions for use KINGSTON SSDNOW V
Instruction manual KINGSTON SSDNOW V



Kingston SSDNow V Series drive

Dramatically increase the performance of existing systems.



For more than 20 years, users have relied on Kingston Technology to help them save millions by extending the life of existing computers with memory upgrades. Now Kingston* introduces its SSDNow V Series drive to help organizations of all sizes and consumers enhance the performance of computers with a Serial ATA (SATA) interface and thus extend their lifecycle.

Adding a solid-state drive to a desktop already using a standard hard disk drive is a smart and efficient way to upgrade. Transferring the operating system and applications from the HDD to the SSD allows the solid-state drive to be used as a bootable drive that takes full advantage of the speed of the Flash-based technology. The SSD and the HDD then co-exist to drive optimal performance in the upgraded desktop.

For notebooks, SSDNow drives are a perfect replacement for hard drives, resulting in faster, more reliable performance. Making this change will improve a notebook's efficiency in a wide range of tasks, from booting up to running the most robust operating system and demanding applications.

SSDNow uses a standard SATA interface but, unlike a regular HDD, SSD is very rugged and built with no moving parts, making it ideal for power users and road warriors who push the limits of their notebooks. Other benefits include reduced power usage, less noise and less heat generation.

SSDNow V Series drives offer performance gains and power consumption reductions at a fraction of the cost of a new system. For added peace of mind, they're backed by 267 tech support, a three-year warranty and legendary Kingston reliability.

Features:

- Performance** — enhances productivity, makes users more efficient
- Innovative** — 2.5" form factor uses NAND Flash memory components
- Silent** — runs silent and cool with no moving mechanical parts
- Reliable** — less likely to fail than a standard hard drive
- Shock Resistant** — no moving parts so the SSD handles rougher conditions than a hard drive
- Supports S.M.A.R.T.** — Self-Monitoring, Analysis and Reporting Technology tells the user when a drive is about to fail
- Guaranteed** — three-year Kingston warranty, 24/7 tech support

Specifications:

- Capacities**** — 40GB, 64GB, 128GB
- Storage temperatures** — 40°C to 85°C
- Operating temperatures** — 0°C to 70°C
- Vibration operating** — 217 G, 0-1000 Hz
- Vibration non-operating** — 28G (0-2000 Hz)
- Sequential Speed†**
 - 64GB, 128GB — Up to 100MB/sec. read
 - 100MB/sec. write
 - 40GB — Up to 100MB/sec. read
 - 40MB/sec. write
- PCMARK® Vantage Advanced HDD Suite Score‡**
 - 40GB — 13,883
 - 64GB — 10,436
 - 128GB — 10,380
- Power specs** — 128GB Active: 2.5W (TYP)
Sleep: 0.45W (TYP)
64GB Active: 2.0W (TYP)
Sleep: 0.45W (TYP)
40GB Active: 0.55W (TYP)
Sleep: 0.02W (TYP)
- Life expectancy** — 1 million hours mean time before failure

Kingston SSDNow V Series Part Numbers:

- SM125S240C3 (stand-alone drive)
- SM125S240C3 (notebook bundle)
- SM125S2128C3 (stand-alone drive)
- SM125S2128C3 (notebook bundle)
- SM125S2064C3 (notebook bundle)
- SM125S2064C3 (desktop bundle)
- SM125S2032C3 (desktop bundle)
- SM125S2016C3 (desktop bundle)

* Based on internal testing. Performance may vary based on system settings.
 ** Capacity and performance limited by format and other functions and does not include storage. For more information, go to Kingston.com.
 † Based on sequential read/write performance using PCMark Vantage.
 ‡ Test system: Intel® Core2 Duo E6700 CPU @ 2.66 GHz, System Memory: 4GB, DVD-RW Drive, SATA HDD, 10.5W PSU.
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Manual abstract:

Adding a solid-state drive to a desktop already using a standard hard disk drive is a smart and efficient way to upgrade. Transferring the operating system and applications from the HDD to the SSD allows the solidstate drive to be used as a bootable drive that takes full advantage of the speed of the Flash-based technology. The SSD and the HDD then co-exist to drive optimal performance in the upgraded desktop. For notebooks, SSDNow drives are a perfect replacement for hard drives, resulting in faster, more reliable performance. @@@@ read 70 MB/sec. write 40GB -- Up to 170MB/sec. read 40 MB/sec. @@Performance may vary based on system settings. @@For more information, go to Kingston's Flash Memory Guide at Kingston.com/Flash_Memory_Guide.

THIS DOCUMENT SUBJECT TO CHANGE WITHOUT NOTICE. Test system: Intel® DG45ID Desktop Motherboard. Intel Core 2 Duo E6550 CPU at 2.33 GHz. System Memory 4GB, On-Board SATA 3Gbps with AHCI-Enabled Window Vista SP1 32-bit.

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