



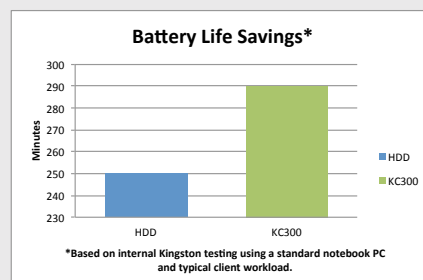
Get more out of your computer.

Kingston's KC300 SSDNow solid-state drive is one of the most power-efficient SSDs on the market. It provides up to 40 minutes more battery life than a hard drive*, to let you do more work from a single charge.

KC300 features enterprise-grade SMART attributes that track wear range data, SSD life left, write amplification and total bytes written to analyse your workload and monitor the drive's health. Its Advanced Data Integrity Protection includes DuraWrite™ and RAISE™ for a longer life for your data and your drive.

- > One of the most power-efficient SSDs on the market
- > Advanced data integrity protection built in
- > Enterprise-grade SMART attributes allow for easy drive monitoring

SSDNow KC300



Features/specs on reverse >>



SSDNow KC300

FEATURES/BENEFITS

- > **Advanced Power Management** — extends notebook battery life during a typical computing session
- > **Fast** — dramatic performance increase for any system upgrade
- > **Endurance** — Data Integrity Protection featuring DuraClass technology
- > **Durable** — DuraWrite intelligent compression engine extends the life of the SSD
- > **Dependable** — RAISE reduces the number of uncorrectable errors on the drive
- > **Multiple capacities** — the right capacity to meet your storage needs
- > **Guaranteed** — three-year warranty, free technical support

SPECIFICATIONS

- > **Form factor** 2.5"
- > **Interface** SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0
- > **Capacities**¹ 60GB, 120GB, 180GB, 240GB, 480GB
- > **Controller** SandForce-SF2281
- > **Sequential reads**² **SATA Rev. 3.0** 525MB/s
- > **Sequential writes**² **SATA Rev. 3.0** 500MB/s
- > **Maximum random 4k read/write**³

60GB	— 84,000/ 64,000 IOPS
120GB	— 84,000/ 64,000 IOPS
180GB	— 84,000/ 64,000 IOPS
240GB	— 84,000/ 52,000 IOPS
480GB	— 73,000/ 32,000 IOPS
- > **PCMARK® Vantage HDD Suite score** 57,000
- > **Power consumption** 0.6 W (MAX) Idle / 1.4 W (MAX) Read / 2.9 W (MAX) Write
- > **Storage temperatures** -40°C ~ 85°C
- > **Operating temperatures** 0°C ~ 70°C
- > **Dimensions** 69.8mm x 100.1mm x 7.0mm
- > **Weight** 60GB, 120GB, 180GB, 240GB — 86.0g
480GB — 92.3g
- > **Vibration operating** 2.17G peak (7–800Hz)
- > **Vibration non-operating** 20G peak (10–2000Hz)
- > **Life expectancy** 1 million hours MTTF
- > **Warranty/support** three-year warranty with free technical support
- > **Total Bytes Written (TBW)**⁵

60GB:	47TB
120GB:	94TB
180GB:	141TB
240GB:	188TB
480GB:	375TB

Compared to a 5400RPM HDD. Based on internal testing at Kingston.



Test system: Dell XPS 8500, Intel H77 chipset, Intel Core i7-3770 CPU, 8GB system memory. SSD tested as a primary drive with results based on "out-of-box" performance. This SSD is designed for use in desktop and notebook computer workloads, and is not intended for server environments.

1 Actual available capacity for data storage is less than listed on the products due to formatting and other functions. See kingston.com/flashguide.

2 Based on "out-of-box performance" with ATTO Disk Benchmark 2.41. Speed may vary due to host hardware, software and usage.

3 Based on "out-of-box performance" with IOMeter.

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

5 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.

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SOLID-STATE DRIVE
FLASH STORE
DURABLE
PC
STORE
PERFORMANCE
MEMORY
UPGRADE KIT
FLASH STORE
SOLID-STATE DRIVE



KINGSTON PART NUMBERS

- SKC300S37A/60G stand-alone drive
- SKC300S37A/120G stand-alone drive
- SKC300S37A/180G stand-alone drive
- SKC300S37A/240G stand-alone drive
- SKC300S37A/480G stand-alone drive
- SKC300S3B7A/60G (upgrade bundle kit)
- SKC300S3B7A/120G (upgrade bundle kit)
- SKC300S3B7A/180G (upgrade bundle kit)
- SKC300S3B7A/240G (upgrade bundle kit)
- SKC300S3B7A/480G (upgrade bundle kit)

BUNDLES INCLUDE

- 2.5" SSD
- 2.5" USB enclosure
- 3.5" bracket and mounting screws
- SATA power and data cable
- Hard drive cloning software⁵ and installation video (DVD)
- 7mm–9.5mm adapter

