



SSD NOW

SSDNow S100

Commercial grade Flash components increase speed and reliability in non-PC applications.

Kingston's SSDNow S100 solid-state drives are designed for small capacity hard drive replacements and upgrades, making them a perfect match for system integrators and white box builders. With commercial grade components, they're ideal for non-PC applications from gaming and casinos to highway tollbooths and digital signage.

SSDNow S100 drives increase performance and speed for ultra-fast access times and instant responses from applications. Made from Flash components, SSDNow S100 drives are more reliable than traditional hard drives and can withstand higher shock and vibrations. They also generate less heat and noise and lower power consumption.

Kingston's SSDNow S100 drives are backed by a three-year warranty, live technical support and legendary Kingston® reliability.

- > Improve performance, durability and reliability
- > Ideal for non-PC applications



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Features/specs on reverse >>

SSDNow S100

FEATURES/BENEFITS

- > **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 mechanical parts so the SSD handles rougher conditions
- > **Supports TRIM** — ensures maximum performance on compatible operating systems*
- > **Supports S.M.A.R.T.**
- > **Guaranteed** — three-year warranty, 24/7 tech support

SPECIFICATIONS

- > **Form factor** — 2.5"
- > **Interface** — SATA 1.5 Gb/sec. and 3.0 Gb/sec.
- > **Capacities**** — 8GB, 16GB
- > **Dimensions** — 69.85mm x 100mm x 9.5mm
- > **Weight** — 74 grams
- > **Storage Temperatures** — -40°C to 85°C
- > **Operating Temperatures** — 0°C to 70°C
- > **Vibration Operating** — 2.17G
- > **Vibration Non-Operation** — 20G
- > **Sequential Read Throughput**
 - 8GB — 90MB/sec. read
 - 16GB — 230MB/sec. read
- > **Sequential Write Throughput**
 - 8GB — 30MB/sec. read
 - 16GB — 75MB/sec. read
- > **Power Specs** — 2.26 W (TYP) Active / 1.08W (TYP) Idle
- > **MTBF** — 1,000,000 Hrs



KINGSTON SSDNOW S100 PART NUMBERS

SS100S2/8G (stand-alone drive)

SS100S2/16G (stand-alone drive)

* Windows 7, Windows Server 2008 R2, Linux 2.6.33

** 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.

