



Increase speed and reliability in non-PC applications.

Kingston's SSDNow S200 is a commercial-grade, low capacity solid-state drive available in cased and caseless form factors. Bootable and silent with no moving parts, it runs cool. It's perfect for design-in for non-traditional PC applications, as an alternative to compact Flash or hard-drive-based solutions.

SSDNow S200 is cost efficient and available globally. It's backed by a two-year warranty, free technical support and legendary Kingston® reliability.

- > Cost-efficient low-capacity solution
- > Non-traditional PC applications
- > Available in a cased or caseless form factor
- > Ideal storage alternative to compact Flash or hard-drive-based solutions

SSDNow S200



Ideal for:

- Set-top boxes
- Toll booths
- Digital kiosks
- Digital signage
- Casino and gaming machines
- Exercise equipment
- ATMs
- Purpose-built appliances

Features/specs on reverse >>

SSDNow S200

FEATURES/BENEFITS

- > **Low capacity** — 30GB of storage for non-traditional applications
- > **Case options** — available in a cased or caseless form factor
- > **Faster** — boots the system and applications faster than a hard drive or compact Flash solutions
- > **SATA interface** — easy to integrate into new or existing designs
- > **Silent** — cool and silent operation
- > **Reliable** — with no moving parts, solid-state drives are less likely to fail than standard hard drives

SPECIFICATIONS

- > **Form factor** 2.5" or half-slim caseless
- > **Interface** SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0
- > **Capacities**¹ 30GB
- > **Controller** PS3108
- > **Sequential reads**²
SATA Rev. 3.0
up to: 500MB/s
- > **Sequential writes**²
SATA Rev. 3.0
up to: 100MB/s
- > **Maximum random 4k read/write**³ up to 60,000/24,000 IOPS
- > **Power consumption**
0.176 W (MAX) Idle / 1.03 W (MAX) Read / 1.59 W (MAX) Write
- > **Storage temperature** -40°C ~ 85°C
- > **Operating temperature** 0°C ~ 70°C
- > **Dimensions** 2.5" case: 69.8mm x 100.1mm x 9.5mm
Half-slim caseless: 54mm x 39mm
- > **Weight** 2.5" case: 86.5g
Half-slim caseless: 8.4g
- > **Vibration operating** 2.17G peak (7–800Hz)
- > **Vibration non-operating** 20G peak (10–2000Hz)
- > **Life expectancy** 1 million hours MTBF
- > **Warranty/support** two-year warranty with free technical support
- > **Total Bytes Written (TBW)**⁴ 22TB



KINGSTON PART NUMBERS

SS200S3/30G (2.5" case)

KG-S3330-1A (half-slim caseless)

Caseless product available as special order only.

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.

¹ 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" 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 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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