



## 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.

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- > 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 system and applications faster than a hard drive or compact Flash solutions
- > **SATA interface** — easy to integrate into new or existing designs
- > **Silent** — runs silent and cool
- > **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**<sup>1</sup> 30GB
- > **Controller** PS3108
- > **Sequential Reads**<sup>2</sup> SATA Rev. 3.0 up to: 500 MB/s
- > **Sequential Writes**<sup>2</sup> SATA Rev. 3.0 up to: 100 MB/s
- > **Maximum Random 4k Read/Write**<sup>3</sup> up to 60,000/24,000 IOPS
- > **PCMARK® Vantage HDD Suite Score** 56,000
- > **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: 86.5 g  
Half-slim caseless: 8.4 g
- > **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)**<sup>4</sup> 22 TB



### 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 primary drive with results based on "out-of-box" performance.

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