

Save space, time and money.

Kingston's SSDNow mS200 mSATA solid-state drive offers a costeffective performance boost with a dual-drive option that allows room for adding high-capacity storage. Ideal for system builders, OEMs and enthusiasts, the mS200's ruggedly-cool, miniscule form factor is eight times smaller than a traditional 2.5-inch hard drive, making it perfect for notebooks, tablets and Ultrabooks. mS200 is available in capacities of up to 120GB and features a caseless, PCB-only design with no moving parts. It's backed by a three-year warranty (the 30GB offers a two-year warranty), free technical support and legendary Kingston® reliability.

- > Takes up to 8x less space than a standard 2.5-inch hard drive
- > Great as a boot/cache drive
- > Latest generation mSATA interface SATA Rev. 3.0 (6Gb/s)



SSDNow mS200 is great for:

- Small, purpose-built industrial systems
- Replacing compact Flash-based solutions
- Media centre PCs with limited drive bays
- Cost-effective boot drive for system builders
- Notebook upgrades (with mSATA port)
- Notebook dual-drive configurations (mSATA SSD + HDD)

Features/specs on reverse >>



SSDNow mS200

FEATURES/BENEFITS

- > LSI SandForce 2241 controller with SATA Rev. 3.0 (6Gb/s) interface twice as fast as the previous generation, yet more cost-efficient
- > mSATA interface fully compliant with industry standard, easy to fit, guaranteed to work
- > NAND Flash memory based shock-resistant with low power consumption
- > **Supports Intel's SRT** combines capacity advantage of HDD with performance improvements of SSD in dual-storage configuration
- > **Supports SMART** monitors the status of your drive
- > **Supports TRIM** maintains maximum performance on compatible operating systems
- > Guaranteed three-year warranty (two-year warranty on 30GB), free technical support

SPECIFICATIONS

- > Form factor mSATA
- > Interface SATA Rev. 3.0 (6Gb/s), SATA Rev. 2.0 (3Gb/s), SATA Rev. 1.0 (1.5Gb/s)
- > Capacities 1 30GB, 60GB, 120GB
- > Controller SandForce-SF2241
- > Encryption AES 128bit
- > Sequential read/write² 30GB 550 MB/s / 510MB/s 60GB, 120GB – 550 MB/s / 520MB/s
- > Maximum 4k read/write² 30GB up to 86,000/ up to 77,000 IOPS 60GB – up to 86,000/ up to 79,000 IOPS 120GB – up to 86,000/ up to 48,000 IOPS
- > **Random 4k read/write²** 30GB up to: 7,500/71,000 IOPS 60GB – up to: 14,000/77,000 IOPS 120GB – up to: 17,000/45,000 IOPS
- > PCMARK® Vantage HDD Suite score 60,000
- > Power consumption 0.4W idle / 1.2 (TYP) read / 1.8W (TYP) write
- > Storage temperature -40°C ~ 85°C
- > Operating temperature 0°C ~ 70°C
- > **Dimensions** 50.88mm x 30mm
- > Weight 6.86g
- > TRIM Supported
- > Vibration operating 2.17G
- > Vibration non-operating 20G
- > MTTF 1,000,000 hrs
- > Warranty/support

30GB – two-year warranty with free technical support 60GB, 120GB – three-year warranty with free technical support

> Total Bytes Written (TBW)³

30GB: 23TB 60GB: 46.5TB 120GB: 93TB







This SSD is designed for use in desktop and notebook computer workloads and is not intended for server environments.

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". Speed may vary due to host hardware, software and usage

3 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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KINGSTON PART NUMBERS

SMS200S3/30G SMS200S3/60G



