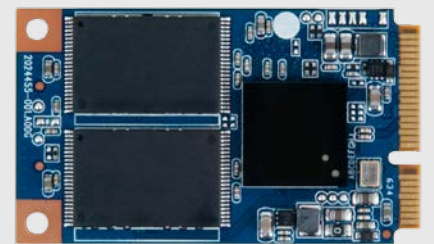# Save space, time and money.

Kingston's SSD*Now* mS200 mSATA solid-state drive offers a cost-effective 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)

SSD*Now* 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 ⟩⟩

Kingston TECHNOLOGY

SSD*Now* 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

KINGSTON PART NUMBERS

SMS200S3/30G

SMS200S3/60G

SMS200S3/120G

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/write**[2] 30GB – 550 MB/s / 510MB/s
60GB, 120GB – 550 MB/s / 520MB/s

> **Maximum 4k read/write**[2] 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/write**[2] 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℃ ~ 85℃

> **Operating temperature** 0℃ ~ 70℃

> **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