



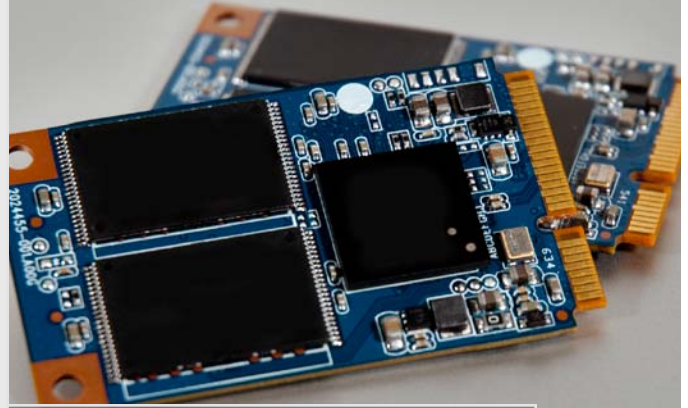
## SSDNow mS100

### FEATURES/BENEFITS

- > **Multiple Capacities** — to fit your design needs
- > **Supports Intel's SRT** — optimizes SSDs to act as boot drives for quick access to frequently used applications or files (caching)
- > **Supports S.M.A.R.T.** — monitors the status of your drive
- > **Supports TRIM** — ensures maximum performance on compatible operating systems
- > **Guaranteed** — three-year warranty, 24/7 tech support

### SPECIFICATIONS

- > **Form factor** mSATA
- > **Interface** SATA Rev. 2.0 (3Gb/s) , SATA Rev. 1.0 (1.5Gb/s)
- > **Capacities**<sup>1</sup> 32GB & 64GB
- > **Sequential Read**<sup>2</sup>
  - 64GB – 255MB/s
  - 32GB – 135MB/s
- > **Sequential Write**
  - 64GB – 170MB/s
  - 32GB – 90MB/s
- > **Random Read IOPS/s**<sup>3</sup>
  - 64GB – 11,000
  - 32GB – 5,000
- > **Random Write IOPS/s**
  - 64GB – 3,000
  - 32GB – 3,000
- > **Warranty/support** three-year warranty with free 24/7 support
- > **Power Consumption**
  - 0.11W (TYP) Idle / 1.55 (TYP) Read / 3.18 W (TYP) Write
- > **Dimensions** 50.88mm x 30mm
- > **Weight** 7.3g
- > **Operating temperatures** 0°C ~ 70°C
- > **Storage temperatures** -40°C ~ 85°C
- > **Vibration operating** 2.17G
- > **Vibration non-operating** 20G
- > **MTBF** 1,000,000 Hrs



### KINGSTON PART NUMBERS

SMS100S2/32G

SMS100S2/64G

1. Please note: 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 memory Guide at [kingston.com/flash\\_memory\\_guide](http://kingston.com/flash_memory_guide).

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.

THIS DOCUMENT SUBJECT TO CHANGE WITHOUT NOTICE.

©2011 Kingston Technology Corporation. 17600 Newhope Street, Fountain Valley, CA 92708 USA.

All rights reserved. All trademarks and registered trademarks are the property of their respective owners. MKD-193



## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [kingston manufacturer](#):*

Other Similar products are found below :

[SDCA3/32GB](#) [SM2280S3G2/120G](#) [04EPOP08-NL3DM627-B02U](#) [SD4/32GB](#) [SEDC400S37/960G](#) [EMMC16G-W525-X01U](#) [08EPOP04-NL3DT227-A01U](#) [SEDC1000H/1600G](#) [04EMCP04-NL2DM627-Z02U](#) [08EMCP04-NL3DT227-A01U](#) [B1621PM1WDGTKR-U](#)  
[B5116ECMDXGGB-U](#) [SDA10/128GB](#) [D5128EETBPGGBU-U](#) [SDA3/32GB](#) [FCR-HS4](#) [D5128EC4BPGGBUI-U](#) [SKC400S37/1T](#)  
[KVR21R15D4/16](#) [SUV400S37/240G](#) [SKC400S37/512G](#) [BOXSIZE 4](#) [BOXSIZE 3](#)