

**SSD KINGSTON  
KC600 1TB SATA  
3.0 TLC Write  
speed 520  
MBytes/sec  
Read speed 550  
MBytes/sec 2,5  
TBW 600 TB  
MTBF 1000000  
hours  
SKC600/1024G**



Model: SKC600/1024G

Manufacturer: KINGSTON

EAN: 740617300116

Product Code: 24157

**R5,616**

Kingston's KC600 is a full-capacity SSD designed to provide remarkable performance and optimised to provide functional system responsiveness with incredible boot, loading and transfer times. It

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comes in both 2.5" and mSATA form factors using SATA Rev 3.0 interface with backwards compatibility. The KC600 utilises the latest 3D TLC NAND technology while supporting a full security suite that includes AES 256-bit hardware encryption, TCG Opal and eDrive. It features read/write speeds of up to 550/520MB/s\* to efficiently store your data up to 2TB\*\*. It's available in a bundle kit that provides everything you need for a smooth and easy desktop and notebook installation and upgrade.

### **Remarkable performance**

Using the latest 3D TLC NAND technology, it enables read/write speeds of up to 550/520MB/s.\*

### **Full-security suite**

Protect and secure your data with Kingston's self-encrypting drive.

### **Easy installation/upgrade**

KC600 is available in an upgrade bundle kit that has everything you need to install your drive easily.

### **Multiple capacities**

KC600 is available in a range of full capacities from 256GB to 2TB.\*\*

- Remarkable performance
- Features the latest 3D TLC NAND technology
- Supports a full security suite (TCG Opal, AES 256-bit, eDrive)
- Available in range of full capacities

\* 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](http://kingston.com/flashguide).

\*\* Based on "out-of-box performance" using a SATA Rev 3.0 motherboard. Speed may vary due to host hardware, software and usage. IOMETER random 4K read/write is based on 8GB partition.

\*\*\* Limited warranty based on 5 years or "SSD Life Remaining" which can be found using the Kingston SSD Manager ([Kingston.com/SSDManager](http://Kingston.com/SSDManager)). A new, unused product will show a wear indicator value of one hundred (100), whereas a product that has reached its endurance limit of program erase cycles will show a wear indicator value of one (1). See [Kingston.com/wa](http://Kingston.com/wa) for details.

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\*\*\*\* Total Bytes Written (TBW) is derived from the JEDEC Client Workload (JESD219A). \*\*\*\*

Operating system software support: Windows® 10, 8.1, 8, 7 (SP1).

Summary: Kingston Technology 1024G SSD KC600 SATA3 2.5". SSD capacity: 1 TB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC/Laptop | Vendor Homepage: <https://www.kingston.com/> | Component for: PC/Laptop | Controller type: SMI SM2259 | Data transfer rate: 6 | Hardware encryption: Yes | Interface: Serial ATA III | Mean time between failures (MTBF): 1000000 | Memory type: 3D TLC | Random read (4KB): 90000 | Random write (4KB): 80000 | Read speed: 550 | Security algorithms: 256-bit AES | SSD capacity: 1000 | SSD form factor: 2.5" | Write speed: 520 | Power consumption (average): 0.2 | Power consumption (idle): 0.06 | Power consumption (read): 1.3 | Power consumption (write): 3.2 | Depth: 100.1 | Height: 7 | Weight: 40 | Width: 69.9 | Package depth: 9.14 | Package height: 184.15 | Package weight: 62.19 | Package width: 129.54 | Non-operating vibration: 20 | Operating temperature (T-T): 0 - 70 | Operating vibration: 2.17 | Storage temperature (T-T): -40 - 85 | Country of origin: China | Harmonized System (HS) code: 84717070 | Master (outer) case gross weight: 699.95 | Master (outer) case height: 69.85 | Master (outer) case length: 203.2 | Master (outer) case width: 135.89 | Products per master (outer) case: 10 | SSD series: KC600 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.000117 | Unit Calculated Weight: 0.06

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