

**SSD KINGSTON  
KC3000 1TB M.2  
NVMe 3D TLC  
Write speed  
6000 MBytes/sec  
Read speed  
7000 MBytes/sec  
TBW 800 TB  
MTBF 1800000  
hours  
SKC3000S/1024G**



Model: SKC3000S/1024G

Manufacturer: KINGSTON

EAN: 740617324433

Product Code: 24155

**R6,191**

Kingston KC3000 PCIe 4.0 NVMe M.2 SSD delivers next-level performance using the latest Gen 4x4 NVMe controller and 3D TLC NAND. Upgrade the storage and reliability of your system to keep up

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with demanding workloads and experience better performance with software applications such as 3D rendering and 4K+ content creation. With formidable speeds up to 7,000MB/s\* read/write, it ensures improved workflow in high-performance desktop and laptop PCs making it ideal for power users who require the fastest speeds on the market.

The compact M.2 2280 design fits seamlessly into motherboards and gives greater flexibility where high-power users appreciate responsiveness and superior loading times.

Full capacities available from 512GB-4096GB\*\* to meet your data storage requirements.

### **PCIe 4.0 NVMe technology**

Master intensive applications with speeds of up to 7,000/7,000MB/s\* read/write.

### **Store more**

Upgrade and manage storage with full capacities of up to 4096GB\*\*.

### **Greater flexibility**

Compact M.2 design fits easily into small-form-factor (SFF) systems, desktops and laptop PCs.

### **Low-profile graphene aluminium heat spreader**

Exceptional thermal dissipation keeps your drive cool with maximum performance.

- PCIe 4.0 NVMe high-performance
- Upgrade with full capacities up to 4096GB\*\*
- Compact M.2 2280 form factor
- Low profile graphene aluminium heat spreader

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

\* Based on “out-of-box performance” using a PCIe 4.0 motherboard. Speed may vary due to host hardware, software, and usage.

\*\* 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](#)

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at [kingston.com/flashguide](https://kingston.com/flashguide).

\*\*\* Total Bytes Written (TBW) is derived from the JEDEC Client Workload (JESD219A). \*\*\*\* Limited warranty based on 5 years or "Percentage Used" which can be found using the Kingston SSD Manager ([Kingston.com/SSDManager](https://kingston.com/SSDManager)). For NVMe SSDs, a new unused product will show a Percentage Used value of 0, whereas a product that reaches its warranty limit will show a Percentage Used value of greater than or equal to one hundred (100). See [Kingston.com/wa](https://kingston.com/wa) for details.

Summary: Kingston Technology 1024G KC3000 M.2 2280 NVMe SSD. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 7000 MB/s, Write speed: 6000 MB/s, Component for: PC/Laptop | Vendor Homepage: <https://www.kingston.com/> | Component for: PC/Laptop | Controller type: Phison E18 | Interface: PCI Express 4.0 | M.2 SSD size: 2280 (22 x 80 mm) | Mean time between failures (MTBF): 1800000 | Memory type: 3D TLC | NVMe: Yes | Random read (4KB): 900000 | Random write (4KB): 1000000 | Read speed: 7000 | SSD capacity: 1000 | SSD form factor: M.2 | TBW rating: 800 | Write speed: 6000 | Power consumption (average): 0.33 | Power consumption (idle): 0.005 | Power consumption (read): 2.8 | Power consumption (write): 6.3 | Depth: 22 | Height: 2.21 | Weight: 7 | Width: 80 | Package depth: 8.38 | Package height: 184.15 | Package weight: 31.33 | Package width: 129.54 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Cooling type: Heatsink | Country of origin: China/Taiwan | Harmonized System (HS) code: 84717070 | Master (outer) case gross weight: 391.29 | 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: KC3000 | Units per Pallet: 0 | Units per Shipping Box: 10 | Unit Calculated Volume: 0.0001836 | Unit Calculated Weight: 0.033

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