



**SSD KINGSTON  
FURY 2TB M.2  
PCIe Gen5 NVMe  
3D TLC Write  
speed 14000  
MBytes/sec  
Read speed  
14700  
MBytes/sec  
2.3mm MTBF  
200000 hours  
SFYR2S/2T0**

Model: SFYR2S/2T0

Manufacturer: KINGSTON

EAN: 740617349498

Product Code: 23877

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**R12,571**

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## **For gamers, enthusiasts and high-power users seeking extreme performance**

Kingston FURY™ Renegade G5 PCIe 5.0 NVMe M.2 SSD is for high-power users, hardware enthusiasts and gamers ready for the latest Gen 5x4 performance. With raging speeds of up to 14,800MB/s read and 14,000MB/s write, its extreme performance boosts game and app load times and improves reaction time, while its exceptional design keeps it cool.

Unleash the full potential of your system with Kingston FURY Renegade G5 PCIe 5.0 NVMe M.2 SSD. By leveraging the latest PCIe Gen5 x4 controller and 3D TLC NAND, Kingston FURY Renegade G5 SSD offers extreme speeds of up to 14,800/14,000MB/s read/write\*.

Optimised for high-performance PCs, gaming PCs and workstations, with full capacities of up to 8192GB\*\*, this solution eliminates storage bottlenecks and reduces load times significantly to power high-intensity gaming and video editing, as well as data-heavy workflows.

The Kingston FURY Renegade G5 is engineered with a Silicon Motion SM2508 controller based on 6nm lithography and low-power DDR4 DRAM cache for reduced heat and energy consumption. These adaptations ensure smooth operation for demanding applications while preserving efficiency.

In addition, its 12-layer PCB design enhances signal quality and data integrity, while keeping performance consistent under heavy workloads. Perfectly balanced for content creation, high-end applications and productivity, this cutting-edge storage solution delivers unmatched speed, efficiency and durability to elevate your gaming and professional experience.

### **Extreme PCIe Gen5 speeds**

Take control with cutting-edge PCIe Gen5 x4 speeds of up to 14,800/14,000MB/s\* read/write and up to 2,200,000/2,200,000 IOPS\* performance.

### **Advanced thermal design**

Designed with the Silicon Motion SM2508 controller based on 6nm lithography which allows for better thermal management, low-power DDR4 DRAM cache providing less power consumption, independent Buck IC for consistent power draw and a 12-layer PCB for enhanced signal quality and

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superior data integrity.

### **Seamless integration**

Compact M.2 2280 form factor easily slots into most motherboards and is backwards compatible with Gen3 and Gen4 systems.

### **Maximised capacity**

Full capacities of up to 8192GB\*\* to store your favourite games and media.

- Extreme PCIe Gen5 speeds
- Advanced thermal design
- Seamless integration
- Maximised capacity

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

\* Based on “fresh out-of-box performance”, sequential R/W using PCIe 5.0 Ryzen5 7600X CPU and X670E motherboard, random R/W using Intel Ultra7 and Z890 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 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](https://kingston.com/flashguide).

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

\*\*\*\* Average power consumption is based on Mobilemark™ workload. Max power consumption is based on typical values.

\*\*\*\*\* 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 2T FURY RENEGADE G5 M.2 2280 NVMe SSD. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 14700 MB/s, Write speed: 14000 MB/s, Component for: PC/Laptop | Vendor Homepage: <https://www.kingston.com/en> | Component for: PC/Laptop | Controller type: SMI

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SM2508 | External DDR cache: Yes | Interface: PCI Express 5.0 | M.2 SSD size: 2280 (22 x 80 mm) | Mean time between failures (MTBF): 2000000 | Memory type: 3D TLC | NVMe: Yes | PCI Express interface data lanes: x4 | Random read (4KB): 2200000 | Random write (4KB): 2200000 | Read speed: 14700 | SSD capacity: 2000 | SSD form factor: M.2 | Write speed: 14000 | Power consumption (average): 0.27 | Power consumption (max): 7 | Depth: 80 | Height: 2.3 | Weight: 7.7 | Width: 22 | Package depth: 17.53 | Package height: 128.52 | Package weight: 32.4 | Package width: 72.39 | Non-operating vibration: 20 | Operating temperature (T-T): 0 - 70 | Operating vibration: 2.17 | Storage temperature (T-T): -40 - 85 | Country of origin: China/Taiwan | Master (outer) case gross weight: 819.91 | Master (outer) case height: 184.15 | Master (outer) case length: 222.25 | Master (outer) case width: 139.7 | Products per master (outer) case: 20 | Model: SFYR2S/2T0 | SSD series: FURY | Units per Pallet: 0 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.0002673 | Unit Calculated Weight: 0.001

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