Kingston FURY Renegade G5 PCIe 5.0 NVMe M.2 SSD

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.

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

Specifications

Form factor	M.2 2280
Interface	PCIe 5.0 x4 NVMe
Capacities[1]	1024GB, 2048GB, 4096GB
Controller	SM2508
NAND	3D TLC
DRAM cache	Yes
DirectStorage supported	Yes
Sequential read/write[2]	1024GB – up to 14,200/11,000MB/s 2048GB – up to 14,700/14,000MB/s 4096GB – up to 14,800/14,000MB/s
Random 4K read/write[2]	1024GB - up to 2,200,000/2,150,000 IOPS 2048GB – 4096GB - up to 2,200,000/2,200,000 IOPS
Endurance (total bytes written)[3]	1024GB – 1.0PB 2048GB – 2.0PB 4096GB – 4.0PB
Power consumption[4]	1024GB – 0.27W avg / 6.6W @ 14.2G / 6.6W (MAX) 2048GB – 0.27W avg / 7.0W @ 14.7G / 7.0W (MAX) 4096GB – 0.27W avg / 7.1W @ 14.8G / 9.5W (MAX)
Storage temperature	-40°C~85°C
Operating temperature	0°C~70°C
Dimensions	80mm x 22mm x 2.3mm
Weight	1024GB – 7.3g 2048GB-4096GB – 7.7g
Vibration operating	2.17G peak (7-800Hz)

Vibration non-operating	20G peak (20-1000Hz)
MTBF	2,000,000 hours
Warranty/Support[5]	Limited 5-year warranty with free technical support

Part Numbers SFYR2S

SFYR2S/1T0	SFYR2S/2T0	SFYR2S/4T0

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

1. 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.

2. 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.

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

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

5. Limited warranty based on 5 years or "Percentage Used" which can be found using the Kingston SSD Manager (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 for details.