

Kingston FURY Renegade PCIe 4.0 NVMe M.2 SSD



For gamers, enthusiasts, and high-power users

Kingston FURY™ Renegade PCIe 4.0 NVMe M.2 SSD is built for hardware enthusiasts and gamers in search of high-performance storage. With blazing speeds up to 7,300MB/s read and 7,000MB/s write, it's powerful enough to boost game and app load times, improve responsiveness, and its heatsink provides even more thermal dispersion so it's PS5™ ready, to deliver an optimal gaming experience.

- Incredible PCIe Gen 4x4 NVMe performance
- M.2 2280 form factor with heatsink
- High capacities up to 4TB¹
- PS5™ ready

Specifications

Form factor	M.2 2280
Interface	PCIe 4.0 x4 NVMe
Capacities ¹	1TB, 2TB, 4TB
Controller	Phison E18
NAND	3D TLC
DRAM cache	Yes
Sequential read/write ²	1TB – 7,300/6,000MB/s 2TB – 7,300/7,000MB/s 4TB – 7,300/7,000MB/s
Random 4K read/write ²	1TB – up to 900,000/1,000,000 IOPS 2TB – up to 1,000,000/1,000,000 IOPS 4TB – up to 1,000,000/1,000,000 IOPS
Endurance (Total bytes written) ³	1TB – 1.0PB 2TB – 2.0PB 4TB – 4.0PB
Power consumption	1TB – 5mW Idle / 0.33W Avg / 2.8W (MAX) Read / 6.3W (MAX) Write 2TB – 5mW Idle / 0.36W Avg / 2.8W (MAX) Read / 9.9W (MAX) Write 4TB – 5mW Idle / 0.36W Avg / 2.7W (MAX) Read / 10.2W (MAX) Write
Storage temperature	-40°C~85°C
Operating temperature	0°C~70°C
Dimensions	80mm x 23.67mm x 10.5mm
Weight	1TB – 32.1g 2TB-4TB – 34.9g
Vibration operating	2.17G Peak (7-800Hz)
Vibration non-operating	20G Peak (20-1000Hz)

MTBF

2,000,000 hours

Warranty/Support⁴

Limited 5-year warranty with free technical support

Part Numbers SFYR

SFYRSK/1000G

SFYRDK/2000G

SFYRDK/4000G

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 "out-of-box performance" using a PCIe 4.0 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. 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.



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