

Kingston FURY Renegade SSD

Set up information

Global Etailers





Launch Date	25th October		
Category	SSD		
Part Numbers / Product Description / UPC Code	SFYRS/500G	500G FURY RENEGADE M.2 2280 NVMe SSD	740617324525
	SFYRS/1000G	1000G FURY RENEGADE M.2 2280 NVMe SSD	740617324556
	SFYRD/2000G	2000G FURY RENEGADE M.2 2280 NVMe SSD	740617324464
	SFYRD/4000G	4000G FURY RENEGADE M.2 2280 NVMe SSD	740617324501
Country of Origin	Other; China; Taiwan		
Dimension of Product	80mm x 22mm x 3.3mm (LxWxH)		
Dimension of Packaging	8.4mm x 129.5mm x 184.2mm (LxWxH)		
Unit Net Weight / Gross Weight	500GB & 1000GB: 7g/31.3g 2000GB & 4000GB: 9.7g/34g		
Dimension of Carton	203.2mm x 135.9mm x 69.9mm (LxWxH)		
Carton Quantity / Weight	500GB & 1000GB: 10/391.3g 2000GB & 4000GB: 10/418.3g		
Warranty*****	Limited 5-year warranty with free technical support		

Specifications

Interface	PCIe 4.0 NVMe
Form Factor	M.2 2280
Capacities**	500GB, 1TB, 2TB, 4TB
Controller	Phison E18
NAND	3D TLC
Sequential Read/Write*	500GB – 7,300/3,900MB/s 1TB – 7,300/6,000MB/s 2TB – 7,300/7,000MB/s 4TB – 7,300/7,000MB/s
Random 4K Read/Write*	500GB – up to 450,000/900,000 IOPS 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
Total Bytes Written (TBW)***	500GB – 500TBW 1TB – 1.0PBW 2TB – 2.0PBW 4TB – 4.0PBW
Power Consumption	500GB – 5mW Idle / 0.34mW Avg / 2.7W (MAX) Read / 4.1W (MAX) Write 1TB – 5mW Idle / 0.33mW Avg / 2.8W (MAX) Read / 6.3W (MAX) Write 2TB – 5mW Idle / 0.36mW Avg / 2.8W (MAX) Read / 9.9W (MAX) Write 4TB – 5mW Idle / 0.36mW Avg / 2.7W (MAX) Read / 10.2W (MAX) Write
Storage Temperature	-40°C~85°C
Operating Temperature	0°C~70°C

Vibration Operating	2.17G Peak (7-800Hz)
Vibration Non-operating	20G Peak (20-1000Hz)
MTBF	1,800,000 hours

Product Marketing

Product Name	Kingston FURY Renegade PCIe 4.0 NVMe M.2 SSD		
Tagline/Headline	Level up load times with next-gen PCIe 4.0 NVMe performance		
Subhead	For gamers, enthusiasts and high-power users		
Text Layer	<p>Kingston FURY™ Renegade PCIe 4.0 NVMe M.2 SSD provides cutting-edge performance in high capacities for gaming and hardware enthusiasts seeking extreme performance for PC builds and upgrades. By leveraging the latest Gen 4x4 NVMe controller and 3D TLC NAND, Kingston FURY Renegade SSD offers blazing speeds of up to 7,300/7,000MB/s* read/write and up to 1,000,000 IOPS* for amazing consistency and exceptional gaming experience. From game and application loading times to streaming and capturing, give your system a boost in overall responsiveness.</p> <p>The slim M.2 form factor combined with a low profile, graphene aluminium heat spreader is optimised for intense usage in gaming rigs, gaming laptops and motherboards. Kingston FURY Renegade SSD matches the top-tier performance of the Kingston FURY Renegade memory line to produce the ultimate team to keep you at the top of your game.</p> <p>Available in capacities from 500GB–4TB** to store an extensive library of your favourite games and media.</p>		
Bullet Points	<ul style="list-style-type: none">• Incredible PCIe Gen 4x4 NVMe performance• Low-profile graphene aluminium heat spreader• Slim M.2 2280 form factor• High capacities of up to 4TB**		
Ecommerce Keywords	ssd hard drive, ssd drive 2tb, ssd drive, nvme m2 ssd, 2tb ssd, 1tb 2280 nvme, internal ssd, m2 ssd 500, ssd m2 2280, 4tb pcie gen 4, 500gb intel ssd, 500 ssd nvme, ssd 1tb internal hard drive, pcie ssd, nvme ssd, ssd internal hard drive, gaming ssd, gaming pc ssd, gaming nvme, gaming nvme ssd, pcie 4.0 nvme m.2 ssd		
Image Order*	<div><div></div><div></div><div></div><div></div></div> <div><div>1. Front (Main image/Hero shot/Thumbnail)</div><div>2. Side</div><div>3. Packaging front</div><div>4. Packaging back</div></div>		

* FootNotes

* 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 at 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). 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.