

# Kingston Technology Flash Comparison

## SSD



	CONSUMER		CONSUMER/ BUSINESS	BUSINESS	BUSINESS/ ENTHUSIAST	ENTHUSIAST	
	A400 SSD	A1000 SSD	UV500 SSD	KC400 SSD	KC1000 SSD	HyperX FURY SSD	HyperX Savage EXO SSD
Interface	SATA Rev 3.0 (6Gb/s)	PCIe NVMe™ Gen 3.0 x 2 Lanes	SATA Rev. 3.0 (6Gb/s) - with backwards compatibility to SATA Rev. 2.0 (3Gb/s)	SATA Rev. 3.0 (6Gb/s)	NVMe PCIe Gen 3.0 x4 Lanes	SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0 (3Gb/s)	USB 3.1 Gen 2 Type C
Form Factor	2.5"	M.2 2280	2.5"/M.2 2280/mSATA	2.5"	M.2 2280 PCIe HHHL (Half-Height Half-Length)	2.5"	USB 3.1 Gen 2 Type C
Part Number	SA400S37/xxG	SA1000M8/xxG	SUV500/xxG 2.5" Stand-alone drive SUV500M8/xxG M.2 SUV500MS/xxG mSATA	SKC400S37/xxG SKC400S37/1T	SKC1000/xxG (M.2 Only) SKC1000H/xxG (HHHL)	SHFR200/xxG	SHSX100/xxG
Capacities <sup>1</sup>	120GB, 240GB, 480GB	240GB, 480GB, 960GB	120GB, 240GB, 480GB, 960GB	128GB, 256GB, 512GB, 1TB	240GB, 480GB, 960GB	240GB, 480GB, 960GB	480GB, 960GB
Read Speed <sup>2</sup>	Up to 500MB/s	240GB - up to 1,500MB/s 480GB - up to 1,500MB/s 960GB - up to 1,500MB/s	Up to 520MB/s	Up to 550MB/s	240GB - Up to 2700 MB/s 480 - 960GB - Up to 2700 MB/s	Up to 550MB/s	Up to 500MB/s
Write Speed <sup>2</sup>	120GB up to 320MB/s 240GB up to 350MB/s 480GB up to 450MB/s	240GB - up to 800MB/s 480GB - up to 900MB/s 960GB - up to 1,000MB/s	120GB - up to 320MB/s 240GB - up to 500MB/s 480GB - up to 500MB/s 960GB - up to 500MB/s	Up to 550MB/s	240GB - Up to 900 MB/s 480 - 960GB - Up to 1600 MB/s	Up to 480MB/s	Up to 480MB/s
IOPS - Maximum 4K read/write	N/A	240GB - up to 100,000/80,000 IOPS 480GB - up to 100,000/90,000 IOPS 960GB - up to 120,000/100,000 IOPS	120GB - up to 79,000/18,000 IOPS 240GB - up to 79,000/25,000 IOPS 480GB - up to 79,000/35,000 IOPS 960GB - up to 79,000/45,000 IOPS	128GB – up to 99,000/87,000 IOPS 256GB – up to 99,000/88,000 IOPS 512GB – up to 99,000/86,000 IOPS 1TB – up to 99,000/89,000 IOPS	240GB - up to 225,000/ up to 190,000 IOPS 480GB - 960GB - up to 290,000/ up to 190,000 IOPS	—	—
Warranty	3 years limited <sup>3</sup>	5-year limited <sup>3</sup>	5 years limited <sup>3</sup>	5 years limited <sup>3</sup>	5 years limited <sup>3</sup>	3 years	3 years