

Kingston has the right SSD for your needs



Consumer

For consumers looking to breathe new life into their systems, upgrading with Kingston SSDs delivers superior performance and greater reliability. With a wide range of options from value to enthusiast, portable SSD, and gaming, users will experience faster boot, loading, and data transfer times in addition to an increase in overall system responsiveness.



	A400	NV3	KC600	KC3000	FURY Renegade	FURY Renegade G5
Features	Affordable Performance HDD Upgrade	Gen 4x4 NVMe PCIe Performance	Mainstream Performance SATA 256-bit Encryption TCG Opal/AES/E-Drive	High Performance Gen 4 PCIe NVMe	High Performance Gen 4 PCIe NVMe For Gamers!	Extreme PCIe Gen5 Speeds, Advanced Thermal Design, Seamless Integration, Maximized Capacity
Capacity	240GB-960GB	2280: 500GB-4TB 2230: 500GB-2TB	256GB-2TB	512GB-4096GB	1TB-4TB	1024GB - 8192GB
Interface	SATA Rev. 3.0	PCIe 4.0x4 NVMe	SATA Rev. 3.0	PCIe 4.0 NVMe	PCIe 4.0 NVMe	PCIe 5.0 x4 NVMe
Form Factor	2.5"-7mm	M.2 2280 M.2 2230	2.5"-7mm / mSATA	M.2 2280	M.2 2280	M.2 2280
Sequential Data Transfer Read/Write	240GB: 500MB/s / 350MB/s 480GB: 500MB/s / 450MB/s 960GB: 500MB/s / 450MB/s	2280 500GB: 5,000MB/s / 3,000MB/s 1TB: 6,000MB/s / 4,000 MB/s 2TB: 6,000MB/s / 5,000MB/s 4TB: 6,000MB/s / 5,000MB/s 2230 500GB: 5,000MB/s / 3,000MB/s 1TB: 6,000MB/s / 4,000 MB/s 2TB: 6,000MB/s / 5,000MB/s	256GB: 550MB/s / 500MB/s 512GB: 550MB/s / 520MB/s 1024GB: 550MB/s / 520MB/s 2048GB: 550MB/s / 520MB/s	512GB: 7,000MB/s / 3,900MB/s 1024GB: 7,000MB/s / 6,000MB/s 2048GB: 7,000MB/s / 7,000MB/s 4096GB: 7,000MB/s / 7,000MB/s	1TB: 7,300MB/s / 6,000MB/s 2TB: 7,300MB/s / 7,000MB/s 4TB: 7,300MB/s / 7,000MB/s	1024GB: up to 14,200/11,000MB/s, 2048GB: up to 14,700/14,000MB/s, 4096GB: up to 14,800/14,000MB/s 8192GB: up to 14,800/14,000MB/s
Kingston Part Numbers	SA400S37/240G SA400S37/480G SA400S37/960G	2280 SNV3S/500G SNV3S/1000G SNV3S/2000G SNV3S/4000G 2230 SNV3SM3/500G SNV3SM3/1T0 SNV3SM3/2T0	2.5" SKC600/256G SKC600/512G SKC600/1024G SKC600/2048G mSATA SKC600MS/256G SKC600MS/512G SKC600MS/1024G	SKC3000S/512G SKC3000S/1024G SKC3000D/2048G SKC3000D/4096G	SFYRSK/1000G SFYRSK/2000G SFYRSK/4000G	SFYR2S/1T0 SFYR2S/2T0 SFYR2S/4T0 SFYR2D/8T1
Warranty	Limited 3-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year
	Value		Main Stream	High Performance		

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External / Portable SSD

Whether you're offloading travel photos and videos, organizing important documents, storing games, or gearing up for your next big adventure, Kingston external/portable SSDs are prepared to go along for the ride.



	Dual Portable	XS1000	XS1000R	XS2000
Features	Mid Perf. 10Gbps Dual USB-A/C Cable-free	Mid Perf. 10Gbps Pocket Sized	Mid Perf. 10Gbps Pocket Sized	High Perf. 20Gbps
Capacity	512GB-2TB	1TB, 2TB	1TB, 2TB	500GB-4TB
Standard	USB 3.2 Gen 2x1	USB 3.2 Gen 2x1	USB 3.2 Gen 2x1	USB 3.2 Gen 2x2
Connection	USB-A & USB-C	USB-C	USB-C	USB-C
Read/Write	512GB: 1,050MB/s / 950MB/s 1TB: 1,050MB/s / 950MB/s 2TB: 1,050MB/s / 950MB/s	1TB: 1,050MB/s / 1,000MB/s 2TB: 1,050MB/s / 1,000MB/s	1TB: 1,050MB/s / 1,000MB/s 2TB: 1,050MB/s / 1,000MB/s	500GB: 2,000MB/s / 2,000MB/s 1TB: 2,000MB/s / 2,000MB/s 2TB: 2,000MB/s / 2,000MB/s 4TB: 2,000MB/s / 2,000MB/s
Kingston Part Numbers	SPSD/512G SPSD/1TB SPSD/2TB	SXS1000/1000G SXS1000/2000G	SXS1000R/1000G SXS1000R/2000G	SXS2000/500G SXS2000/1000G SXS2000/2000G SXS2000/4000G
Warranty	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year
Casing	Metal + Plastic USB Style Casing	Metal + Plastic Status LED	Metal + Plastic Status LED	Metal + Plastic IP55 Rated Status LED
Accessories	N/A	USB-C to A Cable USB-A to C Adapter	USB-C to A Cable USB-A to C Adapter	USB-C to C Cable Removable Rubber Sleeve

Business/Enterprise

From traditional databases to AI infrastructures, Kingston Enterprise SSDs directly support the global demand to store, manage and instantly access large volumes of data. Performance, security and consistency are vital for businesses and Kingston's DC series SSDs are designed with a stringent set of development requirements and a thorough testing process resulting in high performance, low latency drives that combine performance predictability with rigorously tested reliability.



	DC3000ME (U.2 NVMe)	DC600M (Mixed Use)	DC600ME (Mixed Use w/TCG Opal)	DC2000B (M.2 NVMe w/ Heatsink)
Capacity	3.84TB – 30.72TB	480GB-7.68TB	480GB-7.68TB	240GB-960GB
Interface	PCIe 5.0 NVMe	SATA Rev. 3.0	SATA Rev. 3.0	PCIe 4.0 x4 NVMe
Form Factor	U.2	2.5"-7mm	2.5"-7mm	M.2 2280
128K Seq R/W	3.84TB – 14,000MB/s / 5,800MB/s 7.68TB – 14,000MB/s / 10,000MB/s 15.36TB – 14,000MB/s / 9,700MB/s 30.72TB – 14,000MB/s / 9,700MB/s	480GB – 560MBs / 470MBs 960GB – 560MBs / 530MBs 1.92TB – 560MBs / 530MBs 3.84TB – 560MBs / 530MBs 7.68TB – 560MBs / 530MBs	480GB – 560MBs / 470MBs 960GB – 560MBs / 530MBs 1.92TB – 560MBs / 530MBs 3.84TB – 560MBs / 530MBs 7.68TB – 560MBs / 530MBs	240GB – 4500MBs / 400MBs 480GB – 7000MBs / 800MBs 960GB – 7000MBs / 1300MBs
4K Random R/W	3.84TB – 2.7M / 300k 7.68TB – 2.8M / 500k 15.36TB – 2.7M / 400k 30.72TB – 2.6M / 350k	480GB – 94,000/41,000 IOPS 960GB – 94,000/65,000 IOPS 1.92TB – 94,000/78,000 IOPS 3.84TB – 94,000/59,000 IOPS 7.68TB – 94,000/34,000 IOPS	480GB – 94,000/41,000 IOPS 960GB – 94,000/65,000 IOPS 1.92TB – 94,000/78,000 IOPS 3.84TB – 94,000/59,000 IOPS 7.68TB – 94,000/34,000 IOPS	240GB – 260000/18000 IOPS 480GB – 530000/32000 IOPS 960GB – 540000/47000 IOPS
TCG Opal/256-bit Encryption	Yes	No	Yes	No
Hardware Power Loss Protection	Yes	Yes	Yes	Yes
Features	1.0 DWPD for 5 yrs Hardware PLP	1.0 DWPD for 5 yrs Hardware PLP	1.0 DWPD for 5 yrs Hardware PLP	0.4 DWPD for 5 yrs Hardware PLP
Kingston Part Numbers	SEDC3000ME/3T8 SEDC3000ME/7T6 SEDC3000ME/15T3 SEDC3000ME/30T7	SEDC600M/480G SEDC600M/960G SEDC600M/1920G SEDC600M/3840G SEDC600M/7680G	SEDC600ME/480G SEDC600ME/960G SEDC600ME/1920G SEDC600ME/3840G SEDC600ME/7680G	SEDC2000BYM8/240G SEDC2000BM8/480G SEDC2000BM8/960G
Warranty	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year
	NVMe U.2	SATA 2.5"		NVMe M.2