

# 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	NV2	KC600	KC3000	FURY Renegade	XS2000 / XS1000
<b>Features</b>	Affordable Performance HDD Upgrade	Affordable PCIe 4.0 NVMe Up to 3,500 MB/s Read	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!	<b>XS2000:</b> High Perf. 20Gbps <b>XS1000:</b> Mid Perf. 10Gbps Pocket Sized
<b>Capacity</b>	120GB-960GB	250GB-4TB	256GB-2TB	512GB-4096GB	500GB-4TB	<b>XS2000:</b> 500GB-4TB <b>XS1000:</b> 1TB, 2TB
<b>Interface</b>	SATA Rev. 3.0	PCIe 4.0 NVMe	SATA Rev. 3.0	PCIe 4.0 NVMe	PCIe 4.0 NVMe	<b>XS2000:</b> USB 3.2 Gen 2x2 <b>XS1000:</b> USB 3.2 Gen 2x1
<b>Form Factor</b>	2.5"-7mm	M.2 2280	2.5"-7mm / mSATA	M.2 2280	M.2 2280	USB-C
<b>Sequential Data Transfer Read/Write</b>	120GB: 500MB/s / 320MB/s 240GB: 500MB/s / 350MB/s 480GB: 500MB/s / 450MB/s 960GB: 500MB/s / 450MB/s	250GB: 3,000MB/s / 1,300MB/s 500GB: 3,500MB/s / 2,100MB/s 1000GB: 3,500MB/s / 2,100MB/s 2000GB: 3,500MB/s / 2,800MB/s 4000GB: 3,500MB/s / 2,800MB/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	500GB: 7,300MB/s / 3,900MB/s 1TB: 7,300MB/s / 6,000MB/s 2TB: 7,300MB/s / 7,000MB/s 4TB: 7,300MB/s / 7,000MB/s	<b>XS2000</b> 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  <b>XS1000</b> 1,050MB/s / 1,000MB/s
<b>Kingston Part Numbers</b>	SA400S37/120G SA400S37/240G SA400S37/480G SA400S37/960G	SNV2S/250G SNV2S/500G SNV2S/1000G SNV2S/2000G SNV2S/4000G	<b>2.5"</b> SKC600/256G SKC600/512G SKC600/1024G SKC600/2048G  <b>mSATA</b> SKC600MS/256G SKC600MS/512G SKC600MS/1024G	SKC3000S/512G SKC3000S/1024G SKC3000D/2048G SKC3000D/4096G	<b>Heatspreader</b> SFYRS/500G SFYRS/1000G SFYRD/2000G SFYRD/4000G  <b>Heatsink</b> SFYRSK/500G SFYRSK/1000G SFYRSK/2000G SFYRSK/4000G	<b>XS2000</b> SXS2000/500G SXS2000/1000G SXS2000/2000G SXS2000/4000G  <b>XS1000</b> SXS1000/1000G SXS1000/2000G
<b>Warranty</b>	Limited 3-Year	Limited 3-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year
	Value		Main Stream	High Performance		Portable SSD

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## Business/Enterprise

From traditional databases to Big Data 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.



	DC500M (Mixed Use)	DC600M (Mixed Use)	DC500R (Read-Centric)	DC1500M (Mixed Use)	DC1000B (M.2 NVMe)
<b>Capacity</b>	480GB-3.84TB	480G-7.68TB	480G-7.68TB	960GB-7.68TB	240GB-960GB
<b>Interface</b>	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	PCIe NVMe Gen 3x4	PCIe NVMe Gen 3x4
<b>Form Factor</b>	2.5"SATA III 6Gbps	2.5"SATA III 6Gbps	2.5"SATA III 6Gbps	U.2 NVMe	M.2 2280
<b>128K Seq R/W</b>	480GB – 555MBs/520MBs 960GB – 555MBs/520MBs 1.92TB – 555MBs/520MBs 3.84TB – 555MBs/520MBs	480GB – 560MBs/470MBs 960GB – 560MBs/530MBs 1.92TB – 560MBs/530MBs 3.84TB – 560MBs/530MBs 7.68TB – 560MBs/530MBs	480GB – 555MBs/500MBs 960GB – 555MBs/525MBs 1.92TB – 555MBs/525MBs 3.84TB – 555MBs/520MBs 7.68TB – 545MBs/490MBs	960GB – 3,100/1,700MB/s 1.92TB – 3,300/2,700MB/s 3.84TB – 3,100/2,700MB/s 7.68TB – 3,100/2,700MB/s	240GB – 2,200MBs/290MBs 480GB – 3,200MBs/565MBs 960GB – 3,400MBs/925MBs
<b>4K Random R/W</b>	480GB – 98,000/58,000 IOPS 960GB – 98,000/70,000 IOPS 1.92TB – 98,000/75,000 IOPS 3.84TB – 98,000/75,000 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	480GB – 98,000/12,000 IOPS 960GB – 98,000/20,000 IOPS 1.92TB – 98,000/24,000 IOPS 3.84TB – 98,000/28,000 IOPS 7.68TB – 99,000/25,000 IOPS	960GB – 440,000/150,000 IOPS 1.92TB – 510,000/220,000 IOPS 3.84TB – 480,000/210,000 IOPS 7.68TB – 420,000/200,000 IOPS	240GB – 111,000/12,000 IOPS 480GB – 205,000/20,000 IOPS 960GB – 199,000/25,000 IOPS
<b>Features</b>	<b>1.3 DWPD</b> for 5 yrs Hardware PLP	<b>1.0 DWPD</b> for 5 yrs Hardware PLP	<b>0.5 DWPD</b> for 5 yrs Hardware PLP	<b>1 DWPD</b> for 5 yrs Hardware PLP	<b>0.5 DWPD</b> for 5 yrs Hardware PLP
<b>Kingston Part Numbers</b>	SEDC500M/480G SEDC500M/960G SEDC500M/1920G SEDC500M/3840G	SEDC600M/480G SEDC600M/960G SEDC600M/1920G SEDC600M/3840G SEDC600M/7680G	SEDC500R/480G SEDC500R/960G SEDC500R/1920G SEDC500R/3840G SEDC500R/7680G	SEDC1500M/960G SEDC1500M/1920G SEDC1500M/3840G SEDC1500M/7680G	SEDC1000BM8/240G SEDC1000BM8/480G SEDC1000BM8/960G
<b>Warranty</b>	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year
	<b>SATA 2.5"</b>			<b>NVMe U.2</b>	<b>NVMe M.2</b>



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