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 for entry level 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
Features	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!	High Perf. 20Gbps Pocket Sized Includes USB-C Cable
Capacity	120GB-960GB	250GB-2TB	256GB-2TB	512GB-4096GB	500GB-4TB	500GB-4TB
Interface	SATA Rev. 3.0	PCIe 4.0 NVMe	SATA Rev. 3.0	PCIe 4.0 NVMe	PCIe 4.0 NVMe	USB 3.2 Gen 2x2
Form Factor	2.5"-7mm	M.2 2280	2.5"-7mm / mSATA	M.2 2280	M.2 2280	USB-C
Sequential Data Tranfer Read/Write	120GB: 500MBs / 320MBs 240GB: 500MBs / 350MBs 480GB: 500MBs / 450MBs 960GB: 500MBs / 450MBs	250GB: 3,000MBs / 1,300MBs 500GB: 3,500MBs / 2,100MBs 1000GB: 3,500MBs / 2,100MBs 2000GB: 3,500MBs / 2,800MBs	256GB: 550MBs / 500MBs 512GB: 550MBs / 520MBs 1024GB: 550MBs / 520MBs 2048GB: 550MBs / 520MBs	512GB: 7,000MBs / 3,900MBs 1024GB: 7,000MBs / 6,000MBs 2048GB: 7,000MBs / 7,000MBs 4096GB: 7,000MBs / 7,000MBs	500GB: 7,300MBs / 3,900MBs 1TB: 7,300MBs / 6,000MBs 2TB: 7,300MBs / 7,000MBs 4TB: 7,300MBs / 7,000MBs	500GB: 2,000MBs / 2,000MBs 1TB: 2,000MBs / 2,000MBs 2TB: 2,000MBs / 2,000MBs 4TB: 2,000MBs / 2,000MBs
Kingston Part Numbers	SA400S37/120G SA400S37/240G SA400S37/480G SA400S37/960G	SNV2S/250G SNV2S/500G SNV2S/1000G SNV2S/2000G	**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	SFYRS/500G SFYRS/1000G SFYRD/2000G SFYRD/4000G	SXS2000/500G SXS2000/1000G SXS2000/2000G SXS2000/4000G
Warranty	Limited 3-Year	Limited 3-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year
	Entry Level	**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.

	DC500R (Read-Centric)	DC500M (Mixed Use)	DC450R (Entry Level)	DC1500M (Mixed Use)	DC1000B (M.2 NVMe)
Capacity	480G-7.68TB	480GB-3.84TB	480G-7.68TB	960GB-7.68TB	240GB-960GB
Interface	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	PCIe NVMe Gen 3x4	PCIe NVMe Gen 3x4
Form Factor	2.5"SATA III 6Gbps	2.5"SATA III 6Gbps	2.5"SATA III 6Gbps	U.2 NVMe	M.2 2280
128K Seq R/W	480GB – 555MBs/500MBs 960GB – 555MBs/525MBs 1.92TB – 555MBs/525MBs 3.84TB – 555MBs/525MBs 7.68TB – 545MBs/490MBs	480GB – 555MBs/520MBs 960GB – 555MBs/520MBs 1.92TB – 555MBs/520MBs 3.84TB – 555MBs/520MBs	480GB – 560MBs/510MBs 960GB – 560MBs/530MBs 1.92TB – 560MBs/530MBs 3.84TB – 560MBs/525MBs 7.68TB – 560MBs/504MBs	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
4K Random R/W	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	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 – 99,000/17,000 IOPS 960GB – 98,000/26,000 IOPS 1.92TB – 99,000/28,000 IOPS 3.84TB – 99,000/26,000 IOPS 7.68TB – 99,000/19,000 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
Features	**0.5 DWPD** for 5 yrs Hardware PLP 256bit AES Encryption	**1.3 DWPD** for 5 yrs Hardware PLP 256bit AES Encryption	**0.3 DWPD** for 5 yrs No Hardware PLP 256bit AES Encryption	**1 DWPD** for 5 yrs Hardware PLP	**0.5 DWPD** for 5 yrs Hardware PLP 256bit AES Encryption
Application	Web Server Streaming Cloud CDN	Database OLTP Cloud Caching Tier	Web Server Streaming Cloud CDN	Database OLTP CDN Cloud Caching Tier	Server Boot
Kingston Part Numbers	SEDC500R/480G SEDC500R/960G SEDC500R/1920G SEDC500R/3840G SEDC500R/7680G	SEDC500M/480G SEDC500M/960G SEDC500M/1920G SEDC500M/3840G	SEDC450R/480G SEDC450R/960G SEDC450R/1920G SEDC450R/3840G SEDC450R/7680G	SEDC1500M/960G SEDC1500M/1920G SEDC1500M/3840G SEDC1500M/7680G	SEDC1000BM8/240G SEDC1000BM8/480G SEDC1000BM8/960G
Warranty	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year	Limited 5-Year
	SATA 2.5"			**NVMe U.2**	**NVMe M.2**

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