Kingston has
the right SSD for your needs.

Consumer

For notebook or desktop users, switching to an SSD or adding it to your system is simple with upgrade kits that include everything you need, as well as software to clone your files and Operating System in minutes.

SSD	UV400	V300	HyperX FURY	HyperX Savage	HyperX Predator PCIe
Application	Powered by a four-channel Marvell controller for incredible speeds and higher performance compared to a mechanical hard drive.	Designed for notebook and desktop hard drive replacements and upgrades, it maximizes the computer investment while boosting the performance of the system and its applications.	Faster system boot up times, application loading and file execution. Allows for faster map and level load times in game with increased frames per second.	Ultra-responsive multitasking and an overall faster system with quick transfer and edit of large media files.	Offers large capacities and incredible speeds with both compressible and incompressible data to take a system to the edge.
Capacity[1]	120GB, 240GB, 480GB, 960GB	60GB, 120GB, 240GB, 480GB	120GB, 240GB, 480GB	120GB, 240GB, 480GB, 960GB	240GB, 480GB
Controller	Marvell 88SS1074	SandForce 2281	SandForce 2281	Phison S10	Marvell 88SS9293
NAND	TLC	MLC	MLC	MLC	MLC
Interface	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	PCIe Gen 2.0 x4
Form Factor	2.5" – 7mm	2.5" – 7mm	2.5" – 7mm	2.5" – 7mm	M.2 2280
Compressible Data Transfer (ATTO)[2] Read/Write	120GB: 550MB/s / 350MB/s 240GB: 550MB/s / 490MB/s 480GB: 550MB/s / 500MB/s 960GB: 540MB/s / 500MB/s	450MB/s / 450MB/s	500MB/s / 500MB/s	120GB: 560MB/s / 360MB/s 240GB-960GB: 560MB/s / 530MB/s	240GB: 1400MB/s / 600MB/s 480GB: 1400MB/s / 1000MB/s
Random 4k Read/Write[2]	120GB: 60,000/15,000 IOPS 240GB: 70,000/25,000 IOPS 480GB: 80,000/35,000 IOPS 960GB: 75,000/50,000 IOPS	60GB: 9,500/51,000 IOPS 120GB: 15,000/49,000 IOPS 240GB: 26,000/45,000 IOPS 480GB: 38,000/21,000 IOPS	120GB: 11,500/52,000 IOPS 240GB: 22,000/41,000 IOPS 480GB: 30,000/41,000 IOPS	120GB: 93,000/83,000 IOPS 240GB: 93,000/89,000 IOPS 480GB: 92,000/89,000 IOPS 960GB: 97,000/89,000 IOPS	240GB: 120,000/78,000 IOPS 480GB: 117,000/70,000 IOPS
IOMETER Maximum Random 4k Read/Write[2]	120GB: 90,000/15,000 IOPS 240GB: 90,000/25,000 IOPS 480GB: 90,000/35,000 IOPS 960GB: 90,000/50,000 IOPS	60GB: 85,000/60,000 IOPS 120GB: 85,000/55,000 IOPS 240GB: 85,000/43,000 IOPS 480GB: 73,000/28,000 IOPS	120GB: 84,000/52,000 IOPS 240GB: 84,000/41,000 IOPS 480GB: 73,000/28,000 IOPS	120GB: 100,000/84,000 IOPS 240GB: 100,000/89,000 IOPS 480GB: 100,000/88,000 IOPS 960GB: 99,000/89,000 IOPS	240GB: 160,000/119,000 IOPS 480GB: 130,000/118,000 IOPS
Warranty	Limited 3 years[6]	3 years	3 years	3 years	3 years
Kingston Part Numbers	**Stand-alone Drives** SUV400S37/120G SUV400S37/240G SUV400S37/480G SUV400S37/960G **Combo Kits** SUV400S3B7A/120G SUV400S3B7A/240G SUV400S3B7A/480G SUV400S3B7A/960G	**Stand-alone Drives** SV300S37A/60G SV300S37A/120G SV300S37A/240G SV300S37A/480G **Notebook Kits[4]** SV300S3N7A/60G SV300S3N7A/120G SV300S3N7A/240G SV300S3N7A/480G **Desktop Kits[4]** SV300S3D7/60G SV300S3D7/120G SV300S3D7/240G SV300S3D7/480G **Combo Kits** SV300S3B7A/60G SV300S3B7A/120G SV300S3B7A/240G SV300S3B7A/480G	**Stand-alone Drives** SHFS37A/120G SHFS37A/240G SHFS37A/480G	**Stand-alone Drives** SHSS37A/120G SHSS37A/240G SHSS37A/480G SHSS37A/960G **Combo Kits** SHSS3B7A/120G SHSS3B7A/240G SHSS3B7A/480G SHSS3B7A/960G	**Stand-alone Drives** SHPM2280P2/240G SHPM2280P2/480G **Stand-alone Drives w/HHHL Adapter** SHPM2280P2H/240G SHPM2280P2H/480G
Accessory Kit Contents	**Combo Kit** 2.5" USB Enclosure 3.5" Bracket & Mounting Screws SATA Data & Power Cables Hard Drive Cloning Software – Download Coupon[3] 7mm-9.5mm Adapter	**Desktop Kit** 3.5" Bracket & Mounting Screws SATA Data & Power Cables Hard Drive Cloning Software & Installation DVD[3] **Notebook Kit** 2.5" USB Enclosure Hard Drive Cloning Software & Installation DVD[3] 7mm-9.5mm Adapter **Combo Kit** 2.5" USB Enclosure 3.5" Bracket & Mounting Screws SATA Data & Power Cables Hard Drive Cloning Software & Installation DVD[3] 7mm-9.5mm Adapter		**Combo Kit** 2.5" USB Enclosure 3.5" Bracket & Mounting Screws SATA Data & Power Cables Hard Drive Cloning Software - Download Coupon[3] Multi-bit Screwdriver 7mm-9.5mm Adapter	**Stand-alone Drives w/HHHL Adapter** Standard & Low-Profile Brackets Hard Drive Cloning Software - Download Coupon[3]

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Kingston TECHNOLOGY

Business/Enterprise

For any organization, solid-state drives can extend the lifecycle and dramatically improve system performance with higher speeds, greater stability and legendary Kingston reliability. From booting up to opening applications, SSD*Now* significantly cuts down waiting time. Best of all, with no moving parts, SSD*Now* drives are shock-proof, maintaining stability through the roughest conditions and extending the life of existing systems.

SSD	V300	KC380	KC400	DC400	E50
Application	Designed for notebook and desktop hard drive replacements and upgrades, it maximizes the computer investment while boosting the performance of the system and its applications.	Features a small case form factor that fits in notebooks, sub-notebooks, tablet PCs and netbooks with a smaller physical device storage footprint.	Fifteen times faster than a hard drive to deliver consistent performance for both compressible and incompressible data and improve responsiveness in performance-hungry applications.	Offers consistent application performance and low latency over a wide range of read/write workloads, and standard as well as user-adjustable over-provisioning to improve random IOPs performance.	Enterprise-class SSD delivers outstanding performance and endurance in server environments.
Capacity[1]	60GB, 120GB, 240GB, 480GB	60GB, 120GB, 240GB, 480GB	128GB, 256GB, 512GB, 1TB	400GB, 480GB, 800GB, 960GB, 1.6TB, 1.8TB	100GB, 240GB, 480GB
Controller	SandForce 2281	SandForce 2281	Phison S10	Phison S10	SandForce 2581
NAND	MLC	MLC	MLC	MLC	MLC
Interface	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0
Form Factor	2.5" – 7mm	1.8" micro SATA	2.5" – 7mm	2.5" – 7mm	2.5" – 7mm
Compressible Data Transfer (ATTO)[2] Read/Write	450MB/s / 450MB/s	60GB-120GB: 550MB/s / 520MB/s 240GB: 540MB/s / 530MB/s 480GB: 530MB/s / 340MB/s	128GB: 550MB/s / 450MB/s 256GB: 550MB/s / 540MB/s 512GB-1TB: 550MB/s / 530MB/s	400GB: 555MB/s / 535MB/s 480GB: 555MB/s / 535MB/s 800GB: 555MB/s / 530MB/s 960GB: 555MB/s / 520MB/s 1.6TB: 555MB/s / 510MB/s 1.8TB: 555MB/s / 500MB/s	100GB-240GB: 550MB/s / 530MB/s 480GB: 530MB/s / 500MB/s
Random 4k Read/Write[2]	60GB: 9,500/51,000 IOPS 120GB: 15,000/49,000 IOPS 240GB: 26,000/45,000 IOPS 480GB: 38,000/21,000 IOPS	60GB: 14,000/77,000 IOPS 120GB: 17,000/45,000 IOPS 240GB: 21,000/41,000 IOPS 480GB: 21,000/13,000 IOPS	128GB: 88,000/87,000 IOPS 256GB: 88,000/89,000 IOPS 512GB: 86,000/88,000 IOPS 1TB: 86,000/89,000 IOPS	400GB: 85,000/35,000 IOPS 480GB: 85,000/11,000 IOPS 800GB: 78,000/32,000 IOPS 960GB: 78,000/11,000 IOPS 1.6TB: 78,000/32,000 IOPS 1.8TB: 67,000/18,000 IOPS	100GB: 27,000/82,000 IOPS 240GB: 48,000/72,000 IOPS 480GB: 53,000/32,000 IOPS
IOMETER Maximum Random 4k Read/Write[2]	60GB: 85,000/60,000 IOPS 120GB: 85,000/55,000 IOPS 240GB: 85,000/43,000 IOPS 480GB: 73,000/28,000 IOPS	60GB: 86,000/79,000 IOPS 120GB: 86,000/48,000 IOPS 240GB: 72,000/40,000 IOPS 480GB: 72,000/18,000 IOPS	128GB: 99,000/87,000 IOPS 256GB: 99,000/88,000 IOPS 512GB: 99,000/86,000 IOPS 1TB: 99,000/89,000 IOPS	400GB: 99,000/90,000 IOPS 480GB: 99,000/90,000 IOPS 800GB: 99,000/89,000 IOPS 960GB: 99,000/88,000 IOPS 1.6TB: 100,000/88,000 IOPS 1.8TB: 99,000/86,000 IOPS	100GB: 85,000/80,000 IOPS 240GB: 85,000/73,000 IOPS 480GB: 74,000/36,000 IOPS
Warranty	3 years	3 years	Limited 5 years[5]	Limited 5 year[5]	3 years
Kingston Part Numbers	**Stand-alone Drives** SV300S37A/60G SV300S37A/120G SV300S37A/240G SV300S37A/480G **Notebook Kits[4]** SV300S3N7A/60G SV300S3N7A/120G SV300S3N7A/240G SV300S3N7A/480G **Desktop Kits[4]** SV300S3D7/60G SV300S3D7/120G SV300S3D7/240G SV300S3D7/480G **Combo Kits** SV300S3B7A/60G SV300S3B7A/120G SV300S3B7A/240G SV300S3B7A/480G	**Stand-alone Drives** SKC380S3/60G SKC380S3/120G SKC380S3/240G SKC380S3/480G	**Stand-alone Drives** SKC400S37/128G SKC400S37/256G SKC400S37/512G SKC400S37/1T **Combo Kits** SKC400S3B7A/128G SKC400S3B7A/256G SKC400S3B7A/512G SKC400S3B7A/1T	**Stand-alone Drives** SEDC400S37/480G SEDC400S37/960G SEDC400S37/1600G **Performance-Optimized Drives (Special Order)** KG-S41400-1L KG-S41800-1L **Read-Optimized Drives (Special Order)** KG-S411T8-1L	**Stand-alone Drives** SE50S37/100G SE50S37/240G SE50S37/480G
Accessory Kit Contents	**Desktop Kit** 3.5" Bracket & Mounting Screws SATA Data & Power Cables Hard Drive Cloning Software & Installation DVD[3] **Notebook Kit** 2.5" USB Enclosure Hard Drive Cloning Software & Installation DVD[3] 7mm-9.5mm Adapter **Combo Kit** 2.5" USB Enclosure 3.5" Bracket & Mounting Screws SATA Data & Power Cables Hard Drive Cloning Software & Installation DVD[3] 7mm-9.5mm Adapter		**Combo Kit** 2.5" USB Enclosure 3.5" Bracket & Mounting Screws SATA Data & Power Cables Hard Drive Cloning Software – Download Coupon[3] 7mm-9.5mm Adapter		

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System Builder

For system builders, solid-state drives are ideal for non-PC, client PC or enthusiast applications. They're available in multiple form factors, including 2.5", caseless and mSATA.
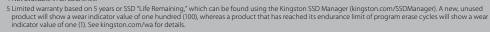
SSD	V300	mS200	M.2 SATA G2	HyperX Predator PCIe
Application	Designed for notebook and desktop hard drive replacements and upgrades, it maximizes the computer investment while boosting the performance of the system and its applications.	Provides a cost-effective performance boost to notebooks, tablets and Ultrabooks.	Thin and compact caseless internal solid-state drive that combines high capacity with low power consumption to serve as a reliable caching device or primary storage for the O/S and applications.	Offers large capacities and incredible speeds with both compressible and incompressible data to take a system to the edge.
Capacity[1]	60GB, 120GB, 240GB, 480GB	30GB, 60GB, 120GB, 240GB, 480GB	120GB, 240GB, 480GB	240GB, 480GB
Controller	SandForce 2281	SandForce 2281	Phison S10	Marvell 88SS9293
NAND	MLC	MLC	MLC	MLC
Interface	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	PCIe Gen 2.0 x4
Form Factor	2.5" – 7mm	mSATA	M.2 2280	M.2 2280
Compressible Data Transfer (ATTO)[2] Read/Write	450MB/s / 450MB/s	30GB: 550MB/s / 510MB/s 60GB–120GB: 550MB/s / 520MB/s 240GB: 540MB/s / 530MB/s 480GB: 530MB/s / 340MB/s	120GB: 550MB/s / 200MB/s 240GB: 550MB/s / 330MB/s 480GB: 550MB/s / 520MB/s	240GB: 1400MB/s / 600MB/s 480GB: 1400MB/s / 1000MB/s
Random 4k Read/Write[2]	60GB: 9,500/51,000 IOPS 120GB: 15,000/49,000 IOPS 240GB: 26,000/45,000 IOPS 480GB: 38,000/21,000 IOPS	30GB: 7,500/71,000 IOPS 60GB: 14,000/77,000 IOPS 120GB: 17,000/45,000 IOPS 240GB: 21,000/41,000 IOPS 480GB: 21,000/13,000 IOPS	120GB: 80,000/48,000 IOPS 240GB: 79,000/79,000 IOPS 480GB: 80,000/80,000 IOPS	240GB: 120,000/78,000 IOPS 480GB: 117,000/70,000 IOPS
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Warranty	3 years	30GB: 2 years 60GB, 120GB, 240GB, 480GB: 3 years	Limited 5 years[5]	3 years
Kingston Part Numbers	**Stand-alone Drives** SV300S37A/60G SV300S37A/120G SV300S37A/240G SV300S37A/480G **Notebook Kits[4]** SV300S3N7A/60G SV300S3N7A/120G SV300S3N7A/240G SV300S3N7A/480G **Desktop Kits[4]** SV300S3D7/60G SV300S3D7/120G SV300S3D7/240G SV300S3D7/480G **Combo Kits** SV300S3B7A/60G SV300S3B7A/120G SV300S3B7A/240G SV300S3B7A/480G	**Stand-alone Drives** SMS200S3/30G SMS200S3/60G SMS200S3/120G SMS200S3/240G SMS200S3/480G	**Stand-alone Drives** SM2280S3G2/120G SM2280S3G2/240G SM2280S3G2/480G	**Stand-alone Drives** SHPM2280P2/240G SHPM2280P2/480G **Stand-alone Drives w/HHHL Adapter** SHPM2280P2H/240G SHPM2280P2H/480G

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