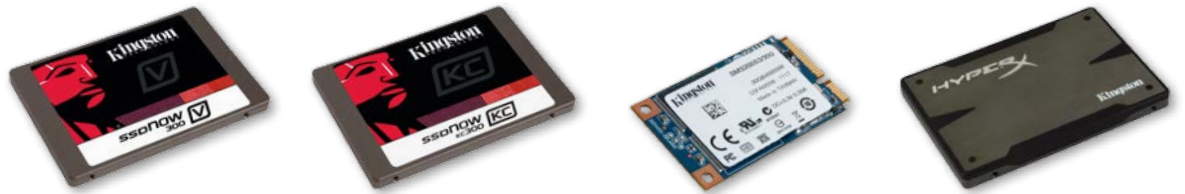


Kingston has
the right SSD for your needs.

STATE DRIVE PC
STORE DURABLE
DURABLE MEMORY
FLASH

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	V300	KC300	mS200	HyperX 3K SSD
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.	Dramatically improves the performance of desktops and notebooks on PC or Mac platforms.	Provides a cost-effective performance boost to notebooks, tablets and Ultrabooks.	Loads games and applications faster, increases frames per second (FPS) and allows for quick transfers and edits of large media files.
Capacity¹	60GB, 120GB, 240GB	60GB, 120GB, 180GB, 240GB, 480GB	30GB, 60GB, 120GB	120GB, 240GB, 480GB
Interface	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0
Form Factor	2.5" – 7mm	2.5" – 7mm	mSATA	2.5" – 9.5mm
Sequential Read/Write Speed²	450MB/s / 450MB/s	525MB/s / 500MB/s	30GB: 550MB/s / 510MB/s 60GB–120GB: 550MB/s / 520MB/s	120GB–240GB: 555MB/s / 510MB/s 480GB: 540MB/s / 450MB/s
Random 4k Read/Write²	60GB: 9,500/51,000 IOPS 120GB: 15,000/49,000 IOPS 240GB: 26,000/45,000 IOPS	60GB: 10,500/64,000 IOPS 120GB: 17,000/64,000 IOPS 180GB: 32,000/56,000 IOPS 240GB: 32,000/56,000 IOPS 480GB: 47,000/22,000 IOPS	30GB: 7,500/71,000 IOPS 60GB: 14,000/77,000 IOPS 120GB: 17,000/45,000 IOPS	120GB: 24,000/79,000 IOPS 240GB: 45,000/69,000 IOPS 480GB: 50,000/22,000 IOPS
Maximum 4k Read/Write²	60GB: 85,000/52,000 IOPS 120GB: 85,000/48,000 IOPS 240GB: 85,000/38,000 IOPS	60GB–180GB: 85,000/64,000 IOPS 240GB: 85,000/52,000 IOPS 480GB: 73,000/32,000 IOPS	30GB: 86,000/77,000 IOPS 60GB: 86,000/79,000 IOPS 120GB: 86,000/48,000 IOPS	120GB: 86,000/79,000 IOPS 240GB: 86,000/73,000 IOPS 480GB: 74,000/32,000 IOPS
Warranty	3 years	3 years	30GB: 2 years 60GB, 120GB: 3 years	3 years
Kingston Part Numbers	Stand-alone Drives SV300S37A/60G SV300S37A/120G SV300S37A/240G Notebook Kits SV300S3N7A/60G SV300S3N7A/120G SV300S3N7A/240G Combo Kit SV300S3D7/60G SV300S3D7/120G SV300S3D7/240G SV300S3B7A/60G SV300S3B7A/120G SV300S3B7A/240G	Stand-alone Drives SKC300S37A/60G SKC300S37A/120G SKC300S37A/180G SKC300S37A/240G SKC300S37A/480G Combo Kit SKC300S3B7A/60G SKC300S3B7A/120G SKC300S3B7A/180G SKC300S3B7A/240G SKC300S3B7A/480G	Stand-alone Drives SMS200S3/30G SMS200S3/60G SMS200S3/120G	Stand-alone Drives SH103S3/120G SH103S3/240G SH103S3/480G Combo Kits SH103S3B/120G SH103S3B/240G SH103S3B/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 & 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 Multi-bit Screwdriver

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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, SSDNow significantly cuts down waiting time. Best of all, with no moving parts, SSDNow drives are shock-proof, maintaining stability through the roughest conditions and extending the life of existing systems.



SSD	V300	KC300	KC380	E100
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.	Dramatically improves the performance of desktops and notebooks on PC or Mac platforms.	Features a small case form factor that fits in notebooks, sub-notebooks, tablet PCs and netbooks with a smaller physical device storage footprint.	Enterprise-class SSD delivers outstanding performance and endurance in server environments.
Capacity¹	60GB, 120GB, 240GB	60GB, 120GB, 180GB, 240GB, 480GB	60GB, 120GB	100GB, 200GB, 400GB
Interface	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0
Form Factor	2.5" – 7mm	2.5" – 7mm	1.8" micro SATA	2.5" – 7mm
Sequential Read/Write Speed²	450MB/s / 450MB/s	525MB/s / 500MB/s	550MB/s / 520MB/s	535MB/s / 500MB/s
Random 4k Read/Write²	60GB: 9,500/51,000 IOPS 120GB: 15,000/49,000 IOPS 240GB: 26,000/45,000 IOPS	60GB: 10,500/64,000 IOPS 120GB: 17,000/64,000 IOPS 180GB: 32,000/56,000 IOPS 240GB: 32,000/56,000 IOPS 480GB: 47,000/22,000 IOPS	60GB: 14,000/ 77,000 IOPS 120GB: 17,000/ 45,000 IOPS	100GB: 42,000/78,000 IOPS 200GB: 59,000/76,000 IOPS 400GB: 52,000/31,000 IOPS
Maximum 4k Read/Write²	60GB: 85,000/52,000 IOPS 120GB: 85,000/48,000 IOPS 240GB: 85,000/38,000 IOPS	60GB–180GB: 85,000/ 64,000 IOPS 240GB: 85,000/52,000 IOPS 480GB: 73,000/32,000 IOPS	60GB: 86,000/ 79,000 IOPS 120GB: 86,000/ 48,000 IOPS	100GB: 85,000/79,000 IOPS 200GB: 85,000/76,000 IOPS 400GB: 74,000/37,000 IOPS
Warranty	3 years	3 years	3 years	3 years
Kingston Part Numbers	Stand-alone Drives SV300S37A/60G SV300S37A/120G SV300S37A/240G Notebook Kits SV300S3N7A/60G SV300S3N7A/120G SV300S3N7A/240G Desktop Kits SV300S3D7/60G SV300S3D7/120G SV300S3D7/240G Combo Kit SV300S3B7A/60G SV300S3B7A/120G SV300S3B7A/240G	Stand-alone Drives SKC300S37A/60G SKC300S37A/120G SKC300S37A/180G SKC300S37A/240G SKC300S37A/480G Combo Kit SKC300S3B7A/60G SKC300S3B7A/120G SKC300S3B7A/180G SKC300S3B7A/240G SKC300S3B7A/480G	Stand-alone Drives SKC380S3/60G SKC380S3/120 G	Stand-alone Drives SE100S37/100G SE100S37/200G SE100S37/400G
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 & Installation DVD 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	S200	HyperX 3K SSD	
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.	An alternative to compact Flash or hard drive-based solutions.	Loads games and applications faster, increases frames per second (FPS) and allows for quick transfers and edits of large media files.	
Capacity¹	60GB, 120GB, 240GB	30GB, 60GB, 120GB	30GB	120GB, 240GB, 480GB	
Interface	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	SATA Rev. 3.0	
Form Factor	2.5" – 7mm	mSATA	2.5" or half-slim caseless	2.5" – 9.5mm	
Sequential Read/Write Speed²	450MB/s / 450MB/s	30GB: 550MB/s / 510MB/s 60GB-120GB: 550MB/s / 520MB/s	500MB/s / 100MB/s	120GB-240GB: 555MB/s / 510MB/s 480GB: 540MB/s / 450MB/s	
Random 4k Read/Write²	60GB: 9,500/51,000 IOPS 120GB: 15,000/49,000 IOPS 240GB: 26,000/45,000 IOPS	30GB: 7,500/71,000 IOPS 60GB: 14,000/77,000 IOPS 120GB: 17,000/45,000 IOPS	45,000/3,000 IOPS	120GB: 24,000/79,000 IOPS 240GB: 45,000/69,000 IOPS 480GB: 50,000/22,000 IOPS	
Maximum 4k Read/Write²	60GB: 85,000/52,000 IOPS 120GB: 85,000/48,000 IOPS 240GB: 85,000/38,000 IOPS	30GB: 86,000/77,000 IOPS 60GB: 86,000/79,000 IOPS 120GB: 86,000/48,000 IOPS	63,000/24,000 IOPS	120GB: 86,000/79,000 IOPS 240GB: 86,000/73,000 IOPS 480GB: 74,000/32,000 IOPS	
Warranty	3 years	30GB: 2 years 60GB, 120GB: 3 years	2 years	3 years	
Kingston Part Numbers	Stand-alone Drives SV300S37A/60G SV300S37A/120G SV300S37A/240G Notebook Kits SV300S3N7A/60G SV300S3N7A/120G SV300S3N7A/240G	Desktop Kits SV300S3D7/60G SV300S3D7/120G SV300S3D7/240G Combo Kit SV300S3B7A/60G SV300S3B7A/120G SV300S3B7A/240G	Stand-alone Drives SMS200S3/30G SMS200S3/60G SMS200S3/120G	Stand-alone Drive SS200S3/30G Half-slim caseless KG-S3330-1A (Caseless product available as special order only)	Stand-alone Drives SH103S3/120G SH103S3/240G SH103S3/480G Combo Kits SH103S3B/120G SH103S3B/240G SH103S3B/480G

These SSDs are designed for use in desktop and notebook computer workloads and are not intended for server environments (excludes E100). These SSDs are designed for use in desktop and notebook computer workloads and are not intended for server environments (excludes E100).

Test System for all (except E100): Intel® Core i7 Desktop Platform Test System for E100: Intel® C600 Romley Server Platform

¹ Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash Memory Guide at kingston.com/flashguide.

² Based on "out-of-box performance." Speed may vary due to host hardware, software and usage.

³ Operating system software support: Windows® 7, Windows Vista® (SP2), Windows XP (SP3)

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