

Kingston

SKU / Model: SKC600/2048G

Product overview

KC600 2.5" and mSATA SSD Kingston s KC600 is a full-capacity SSD designed to provide remarkable performance and optimised to provide functional system responsiveness with incredible boot, loading and transfer times. It comes in both 2.5" and mSATA form factors using SATA Rev 3.0 interface with backwards compatibility. The KC600 utilises the latest 3D TLC NAND technology while supporting a full security suite that includes AES 256-bit hardware encryption, TCG Opal 2.0 and eDrive. It features read/write speeds of up to 550/520MB/s1 to efficiently store your data up to 2TB. SPECIFICATIONS Form Factor 2.5" Interface SATA Rev. 3.0 (6Gb/s) with backwards capability to SATA Rev 2.0 (3Gb/s) Capacities 256GB, 512GB, 1024GB, 2048GB Controller SM2259 NAND 3D TLC DRAM Cache Yes Encrypted XTS-AES 256-bit encryption Sequential Read/Write 256GB up to 550/500MB/s 512GB 2048GB up to 550/520MB/s Maximum 4K Read/Write up to 90,000/80,000 IOPS Power Consumption 0.06W idle / 0.2W avg / 1.3W (MAX) read / 3.2W (MAX) write Dimensions 100.1mm x 69.85mm x 7mm Weight 40g Operating temperature 0°C~70°C Storage temperature -40°C~85°C

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