Kingston Technology 480G DC2000B PCIe 4.0 M.2 2280 Enterprise SSD

Model: SEDC2000BM8/480G

Manufacturer: KINGSTON

EAN: 740617345209

Product Code: 1063300

R13,903

Enterprise class for server applications

Kingston’s DC2000B SSD is a high-performance boot drive designed for data centers using the latest Gen 4x4 PCIe interface with 3D TLC NAND. With low latency, IOPS consistency and hardware-based power loss protection, it ensures reliability and efficiency. Available in capacities of up to 960GB, it's ideal for enterprise server boot and caching applications.

Kingston DC2000B is a high-performance PCIe 4.0 NVMe M.2 SSD using a Gen 4x4 PCIe controller and 3D TLC NAND. Ideally suited for use in high-volume rack-mount servers as an internal boot

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drive(s) to preserve valuable front-loading drive bays, as well as for use in purpose-built systems where a high-performance M.2 SSD is needed that includes hardware-based on-board power loss protection (PLP). New for DC2000B is an integrated aluminium heatsink that offers broader thermal compatibility for a wide range of systems. DC2000B delivers low latency and excellent IO consistency to handle various workloads from boot drive applications to high-speed application caching. DC2000B is rated at 0.4 DWPD write endurance and carries a 5-year warranty."

PCIe 4.0 NVMe performance

Utilises PCIe Gen 4x4 lanes for high-performance speeds.

On-board power loss protection (PLP)

Reduce the possibility of data loss and/or corruption due to unexpected power-off.

Low latency and IOPS consistency

Firmware optimised to deliver low latency and IO consistency for high duty cycle workloads.

Designed for data center environments

Optimised to meet the demands of server boot applications with low latency and IO consistency as the key design criteria.

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itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950