



**SSD SAMSUNG
PM1743 1920
GB PCI Express
5.0 NVMe Yes
NAND flash type
TLC (Triple Level
Cell) Write
speed 3000
MB/s Read
speed 14000
MB/s E3.S
MZ3LO1T9HCJR-
00A07**

Model: MZ3LO1T9HCJR-00A07

Manufacturer: SAMSUNG

Product Code: 332561

R13,433

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High-performance PCIe 5.0 SSD PM1743 will help process vast amounts of data more quickly as the increasing popularity of AI services drives market demand for high-performance servers. Powerful, reliable, and 2x faster than PCIe 4.0. Optimize performance of data-intensive, mission critical applications. Dual port operation expands availability in the event of a failure, with dedicated technical support. With 48% increased power efficiency server, operating costs are reduced while overall storage system performance is enhanced Experience up to 14,000 MB/s read speed. With a proprietary controller, the PCIe 5.0 PM1743 strengthens performance and reliability, providing enterprise users with expanded system capacity suitable for heavy workloads. The latest form factor EDSFF E3.S improves signal integrity and boosts performance while featuring category-leading capacity of 15.36TB within the category. A thin 7.5 mm enables higher storage density in enterprise servers while increasing performance and enhancing power efficiency. The PM1743 is the industry-leading dual port SSD, ensuring seamless, always-on computing even in the event of a failure of one port. It can preserve business continuity by innovatively shifting workloads to the second port. PM1743 is reliable with enhanced telemetry for more effective remote monitoring and analysis, multi-tenancy capabilities without compromising performance, and ensured encryption and decryption verifications for more secure storage.

Vendor Homepage: semiconductor.samsung.com/ssd/enterprise-ssd/pm1743/ | Interface: PCI Express 5.0 | Memory type: TLC | NAND flash type: TLC (Triple Level Cell) | NVMe: Yes | Read speed: 14000 | SSD capacity: 1920 | SSD form factor: E3.S | Write speed: 3000 | Weight: 12 | Model: MZ3LO1T9HCJR | SSD series: PM1743 | Unit Calculated Volume: 6E-05 | Unit Calculated Weight: 0.2