

**SSD SAMSUNG
SSD series
PM1743 7.68TB
PCIe Gen5 NVMe
NAND flash
technology TLC
Write speed
6000 MBytes/sec
Read speed
7500 MBytes/sec
Form Factor 2,5
MTBF 25000000
hours
MZWLO7T6HBLA-
00A07**



Model: MZWLO7T6HBLA-00A07

Manufacturer: SAMSUNG

Product Code: 23587

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R82,470

Unlock the full potential of enterprise

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

Unrivalled Performance and Reliability

Powerful, reliable, and 2X faster than PCIe 4.0 SSD. Optimize performance of data-intensive, mission critical applications. Dual port operation expands availability in the event of a failure, with dedicated technical support. With 30% increased power efficiency server, operating costs are reduced while overall storage system performance is enhanced.

Next-Generation Speed for Modern Enterprise

Experience up to 13,000 MB/s or double the read and write speed of the previous generation, PM1733. With a proprietary controller, the PCIe 5.0 PM1743 strengthens performance and reliability, providing enterprise users with expanded system capacity suitable for heavy workloads.

Scalable Capacity in a Slim Form Factor

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.

Reduced TCO

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with Impressive Power Efficiency

Increased power efficiency of up to 30%* and enhanced heat dissipation technology deliver lower carbon emissions and less energy use. With the EDSFF E3.S, enterprises and data center operators can dramatically decrease their hardware design overhead and infrastructure costs.

Ensure Business Continuity

with Dual Port Reliability

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.

Reliable without

Compromising Performance

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.

Summary: Samsung PM1743. SSD capacity: 7.68 TB, SSD form factor: 2.5", Component for: Server/workstation | Vendor Homepage: <https://semiconductor.samsung.com/ssd/enterprise-ssd/pm1743/> | Component for: Server/workstation | Interface: PCI Express 5.0 | Memory type: V-NAND | NVMe: Yes | SSD capacity: 7680 | SSD form factor: 2.5" | Model: MZWLO7T6HBLA | SSD series: PM1743 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.000105 | Unit Calculated Weight: 0.16

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