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Samsung 840 PRO 256 GB 2.5"

Model: MZ-7PD256BW

Manufacturer: SAMSUNG

Product Code: 10538

R5,841 ~~R6,537~~

Unrivaled Performance

Samsung’s SSD 840 PRO Series is a high-performance SSD, capable of delivering up to 100,000 IOPS Random Read Speed and 540MB/s Sequential Read Speed—an SSD of unrivaled high performance. Built with an advanced MDX controller, Samsung’s SSD delivers high speeds regardless of data type, unlike competing controllers that greatly favor compressible data.

Superior Reliability

As the world’s #1 DRAM, NAND Flash, and SSD supplier; Samsung SSDs are designed and built completely in-house. The Samsung SSD 840 Series is optimized for exceptional, sustained performance and unrivaled reliability through its specially-engineered wear-leveling and garbage collection algorithms backed by a generous 5-year limited warranty.

Performance Sustainability

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
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The Samsung SSD 840 PRO Series provides the same excellent performance throughout its entire lifetime even under extremely heavy workloads. In fact, the sophisticated MDX controller is capable of maintaining peak performances under punishing conditions for more than twice as long the nearest competitor.

Business Friendly Features

The 840 SSD 840 PRO Series introduces three important hardware features for businesses: Worldwide Name (WWN), LED Indicator support, and AES 256-bit Full Disk Encryption (FDE). The first two features make it easier to integrate the 840 PRO SSD into server and storage systems while the AES Encryption helps safeguard data against attack. By encrypting all information on the disk at the hardware level, there is no detrimental effect on performance.

Plus, Samsung’s Magician software has been completely redesigned and includes several business-friendly features including Drive Health Status, Total Bytes Written (TBW), and Disk Scan & Error Reporting functionality. This allows IT managers to monitor drive health and plan hardware replacement cycles.

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