

Samsung PM1653

**Artikel
Herstellernummer**
Samsung

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A landmark release for Enterprise SSDs

A Big Leap Forward for Enterprise Storage

Access a whole new level of SSD performance. Now more than ever, enterprises require high-performance storage solutions that are capable of processing heavy workloads quickly and efficiently. Optimized with the latest 24G SAS interface and featuring dual ports for added stability, Samsung's PM1653 offers enterprises the performance they need to keep up with today's rapidly evolving data demands.

24G SAS: Class-Leading Performance

The PM1653's 24G SAS support streamlines storage infrastructure by maximizing throughput.

This is possible thanks to the addition of a cutting-edge Rhino controller that doubles the PM1653's bandwidth. This allows it to offer roughly twice the performance and more than double the random speeds of the previous generation.

Remarkably Reliable

The stability to succeed. The PM1653's dual ports feature two pairs of signal pins that are connected to a separate storage system. Utilizing that system, it continuously performs service checks to ensure that if one port fails, the other is capable of maintaining stable service. Such reliability enhances TCO while also adding much-needed stability to mission-critical enterprise applications.

More Capacity, More Efficiency

Featuring Samsung's latest sixth-generation, 128-layer V-NAND and a maximum capacity of 30.72TB, the PM1653 offers the capacity to keep up with the exponential growth of business data. Such large capacity significantly expands the amount of storage that can be used in the enterprise market.

Zusammenfassung

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Samsung PM1653, 7.68 TB, 2.5", 4200 MB/s, 24 Gbit/s

Samsung PM1653. SSD capacity: 7.68 TB, SSD form factor: 2.5", Read speed: 4200 MB/s, Write speed: 3700 MB/s, Data transfer rate: 24 Gbit/s, Component for: Server/workstation

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Features

SSD form factor	2.5"
SSD capacity	7.68 TB
Interface	SAS
Memory type	V-NAND
NVMe	No
Component for	Server/workstation
Data transfer rate	24 Gbit/s
Read speed	4200 MB/s
Write speed	3700 MB/s
Random read (4KB)	770000 IOPS
Random write (4KB)	135000 IOPS
Drive writes per day (DWPD)	1

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.