

HDD SEAGATE

Seagate Exos M

28TB 512 MB

7200 rpm

ST28000NM003K



Model: ST28000NM003K

Manufacturer: SEAGATE

EAN: 8719706437301

Product Code: 309881

R24,951 ~~R26,980~~

Seagate's Exos M hard drive, boasting breakthrough 3TB per platter density, delivers extraordinary storage capacity and power efficiency. Engineered on proven technology, it's crafted to power AI and data-intensive applications in cutting-edge cloud and enterprise environments.

- Breakthrough Areal Density: The Exos M hard drive is the first to feature 3TB per platter, enabling massive storage capacity in the same footprint for maximized AI-driven data center efficiency.
- Unmatched Capacity: 30TB+ of storage in an industry-standard 3.5-inch form factor delivers capacity at scale while optimizing space utilization in data centers.
- Time-Tested Excellence Meets Next-Gen Innovation: Blends 90% of trusted, proven components from previous generations with cutting-edge Mozaic technology.

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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- Superior Power Efficiency: Offers 3× the power efficiency per terabyte compared to typical drives, reducing operational costs and energy consumption and supporting your sustainability goals.
- Enterprise-Class Reliability: Designed for the stringent demands of hyperscale cloud service providers, providing durable, always-on performance essential for critical enterprise applications.
- Sustainability: Built with more renewable energy and recycled materials than any previous Seagate product, Exos M 28TB enables businesses to align with their own sustainability initiatives while reducing environmental impact.
- Compatibility and Interoperability: Maintains the same form factor, interface, and cooling as previous generations, simplifying integration into existing infrastructure and reducing upgrade complexities.
- Efficient Cooling: Engineered for optimal heat dissipation, ensuring reliable performance without increasing cooling requirements in your data center.
- Scalable for AI and Big Data: Ideal for AI, big data analytics, and high-capacity storage, Exos M 28TB supports evolving business demands and data-hungry applications, ensuring future-ready infrastructure.
- Seagate Secure: Built-in reliable data protection enhances security, safeguarding your data against threats in enterprise environments.

Summary: Seagate Exos M. HDD capacity: 28 TB, HDD speed: 7200 RPM, Storage drive buffer size: 512 MB, HDD size: 3.5", Interface: Serial ATA | Vendor Homepage:

<https://www.seagate.com/products/enterprise-drives/exos/exos-m/> | Average latency: 4.16 |

Component for: Server/workstation | HDD average transfer rate: 270 | HDD capacity: 28000 | HDD interface transfer rate: 12 | HDD size: 3.5 | HDD speed: 7200 | HDD sustained transfer rate: 257 | Hot-swap: Yes | Interface: Serial ATA | Mean time between failures (MTBF): 2500000 | Storage drive buffer size: 512 | Type: HDD | Uncorrectable Bit Error Rate (UBER): 1 per 10¹⁵ bits read | Operating voltage: 5 / 12 | Power consumption (idle): 6.9 | Non-operating shock: 200 | Non-operating vibration: 2.27 | Operating shock: 30 | Operating temperature (T-T): 10 - 60 | Depth: 147 | Height: 26.1 | Weight: 695 | Width: 101.85 | Warranty period: 5 | Model: ST28000NM003K | Model name: Seagate Exos M | Units per Pallet: 0 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.001559 | Product Net Weight: 0.6 | Unit Calculated Weight: 0.69

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