Seagate Enterprise 300GB SAS 12Gb/s internal hard drive 15000 RPM 128 MB 2.5"

Model: ST300MP0015

Manufacturer: SEAGATE

Product Code: 11882

R3,444 ~~R3,840~~

Improve Server Response Times, Double Storage Capacity

Seagate Enterprise Performance 15K HDDs leverage a small 2.5-inch form factor to deliver significant performance advantages and power savings over legacy 3.5-inch mission critical drives.

- Faster transaction processing to help faster time-to-revenue
- Twice the data storage capacity over the previous generation
- Completes more transactions in less time with TurboBoostTM
- Enterprise-grade endurance using intelligent NAND management with TurboBoost

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- Improved scalability with the latest 12Gb/s SAS interface
- Improved reliability with humidity sensor and an AFR of 0.44%
- Seagate Secure Drives with Instant Secure Erase for easy disposal

Maximum Performance with TurboBoost Technology

Seagate Enterprise Performance 15K HDDs kick performance into a higher gear with TurboBoost-enhanced cache models:

- Accelerates I/O operations and optimizes response times (up to 20× over base drive models) completing more transactions faster, even during peak demand
- Uses traditional NAND and advanced algorithms to promote hot data and achieve performance improvement (up to 3× over base drive models) in real life workloads
- Delivers more predictable performance while protecting data from corruption due to unexpected power loss

12Gb/s SAS Enterprise HDDs Are Perfect for:

- Building high-performance servers that host warm and hot data in the most demanding application environments
- Reducing latencies for significantly faster, predictable response times
- Creating blade, rack or tower servers to host transaction-based applications
- Delivering solutions for power- and space-constrained data centers
- Upgrading systems for increased data security and easy drive retirement
- Transitioning from legacy 3.5-inch systems to more efficient 2.5-inch solutions
- Improving TCO by minimizing system complexity and reducing operating costs

Data Security Options with Seagate Secure Technology

Enterprise Performance 15K hard drives combine unsurpassed reliability and data protection with industry-leading security features.

- Seagate Instant Secure Erase for easy drive retirement eliminates the need to physically destroy hard drives
- Secure data-at-rest helps comply with corporate and federal data security mandates

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- FIPS SED options help secure Sensitive but Unclassified and Protected class data1
- When unexpected power loss occurs, protect data from corruption with TurboBoost-enhanced cache models
- Protection Information (PI)2 technology to help protect data integrity

Help Reduce Data Storage System IT Complexity and Costs

- Uses fewer components that can break or cause interoperability issues
- Addresses more workloads with more predictability and less complexity
- Helps reduce design, qualification and support costs
- 2.5-inch SFF helps reduce power consumption up to 70% compared to 3.5-inch drives
- PowerChoice dynamically maximizes energy efficiency– reducing power and helping to reduce cooling costs
- Self-Encrypting Drive options help reduce drive retirement costs

IT Pros Rate Seagate Enterprise Drives as Best-In-Class Two Year Running

Seagate was selected by IT professionals as the 2013 & 2014 Market Leader for Enterprise Hard Disk Drives. Get the full report to see the survey data behind the voting for market, performance, reliability, price, service and support and innovation leaders.

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