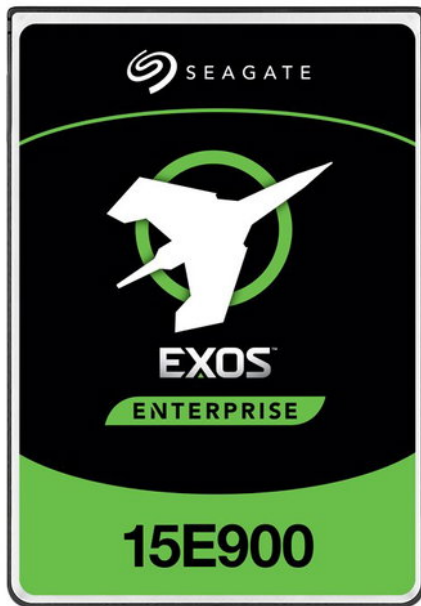




Seagate Enterprise Performance 600GB internal hard drive 15000 RPM 256 MB 2.5" SAS

Model: ST600MP0136

Manufacturer: SEAGATE

Product Code: 19563

R6,881

The Performance You Need, the Versatility You Want — the Affordability You Demand

Seagate Enterprise Performance 15K HDDs improve your TCO for faster time-to-data for transaction-based applications.

- With capacity options of 900 GB, 600 GB and 300 GB, you never have to trade performance for affordable capacity
- Accelerates I/O operations and completes more transactions faster — for OLTP, big data analytics

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and data warehousing — even during peak demand

- Industry-leading read caching with Seagate TurboBoost technology for optimum response times and Advanced Write Caching for the industry's highest mission-critical storage workload efficiency
- Versatility is key. Choose 512n format or a new Fast Format feature for advanced formats (4Kn and 512e) and simplified integration into all data centres
- Data-at-rest is protected with Seagate Secure technology (SED, SED-FIPS and Common Criteria) as defined by the AES-256 standard (TCP)1,2

Enterprise Performance 15K HDDs Are Ideal For:

Building high-performance servers that can manage multiple transactions quickly, resulting in faster response times while providing economical storage capacity.

- Building high-performance servers, which can manage multiple transactions quickly, and providing economical storage capacity
- Reducing latencies for significantly faster, predictable response times
- Creating blade, rack or tower SAS servers hosting transaction-based applications
- Delivering solutions for power- and space-constrained data centres
- Upgrading systems for increased data security and easy drive retirement
- Efficiently managing database applications at an economical cost-per-GB

Maximise Read and Write Performance

Enterprise Performance 15K HDDs enable faster transaction processing by improving both sequential and random performance through Seagate's enhanced caching feature.

- Up to 27% increase in sequential data rate and up to 100% faster random write performance 1
- Up to 10× faster response times in real-world workloads thanks to Seagate's enhanced caching technology
- Traditional NAND and advanced caching algorithms promote hot data with up to 3× improvement over the previous generation
- Delivers highest consistently reliable performance with a MTBF (mean time between failures) rating of 2M hours

Reduce System Complexity

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Enterprise Performance 15K HDD reduces storage complexity by helping to streamline design, qualification and support efforts while supporting legacy systems and future growth, including SSD interoperability initiatives.

- Fast Format feature for advanced formats (4Kn and 512e) simplifies infrastructure management
- Multiple capacities and formats makes integration easy in current and future systems
- Consistently handles real-world workloads while reducing complexity and helping to transition to SSD technology
- PowerChoice dynamically maximises energy efficiency — reducing power and helping to lower cooling costs while enabling higher density
- Widely accepted, proven sixth-generation technology for reliable and consistent data access

Seagate Secure Technology AND Data Security Options

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

Seagate Secure solutions enable data-at-rest security and helps comply with corporate and federal data security mandates

SED-FIPS/Common Criteria options help secure Sensitive but Unclassified and Protected class data
Delivers more consistent performance (up to 27% SDR over previous generation) while protecting data from corruption due to unexpected power loss

Protection Information (PI) technology to help protect data integrity

Seagate Instant Secure Erase for easy drive retirement eliminates the need to physically destroy hard drives

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