Seagate

Product Overview

Cheetah® 15K.7

Highest capacity, performance and reliability in 3.5-inch mission-critical storage

Key Features and Benefits

- Highest-performance 3.5-inch drive
- Highest-capacity Tier 1, mission-critical drive (up to 600 GB)
- Highest reliability rating in the industry
- Seagate® PowerTrim™ technology dynamically reduces power usage.
- Supports 6-Gb/s transfer rates and SAS 2.0 feature set, and 4-Gb/s FC
- Reduces RAID rebuild times while minimizing reliability risks
- Government-grade Self-Encrypting Drive option*
- Self-Encrypting Drive (SED) option cuts IT drive retirement expenses while securely protecting data and is one of the easiest, most cost-effective security measures you can implement.*

Best-Fit Applications

- Email
- Business and transaction processing
- Decision support
- Storage area networks and network attached storage
- Internet and e-commerce
- Government-grade, data-at-rest security when drives leave your control*
- Drive retirement cost reduction and drive life extension strategies*

*Requires TCG-compliant host or controller support

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in 3.5-inch mission-critical storage**

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Product Description

Seagate Cheetah 15K.7 drives reduce costs
for 3.5-inch Tier 1 solutions, helping to sustain
business. They have the highest performance,
capacity and reliability of any 3.5-inch mission-
critical drive. The drive has up to 600 GB of
capacity, which reduces storage costs per GB
and increases capacity per watt. The Cheetah
15K.7 drive includes Seagate PowerTrim
technology, which dynamically optimizes drive
power consumption at all levels of activity.

The drive is leveraged from the highly successful
Cheetah 15K.6 platform and has the industry's
highest reliability rating, reducing drive
replacement costs. The drive is available with a
SAS or FC interface and is the highest-performing
3.5-inch drive in the world. The drive reduces
RAID rebuild times while minimizing reliability
risks. The SAS drives will support 6-Gb/s transfer
rates as part of the new SAS 2.0 feature set.
SAS 2.0 was developed to provide additional
signal and data integrity features to enable SAS
to be ideally suited for use in high-end network
storage applications.

The Cheetah 15K.7 drive is the second generation
of Cheetah drives available with a Self-Encrypting
Drive (SED) option,* providing government-grade
data security and instant secure erase for drives
reused, recycled or returned for expired lease,
repair or warranty.

*Requires TCG-compliant host or controller support

Specifications	
Capacity	600, 450, 300 GB
Interface	6 Gb/s SAS 2.0, 4 Gb/s FC
Spindle Speed	15,000 RPM
Reliability	0.55% AFR/1.6M hours MTBF
Cache	16 MB
Form factor	3.5-inch

www.seagate.com

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