ComX Computers
Product Specification Sheet

ST3600057SS

Seagate Cheetah 15K.7 600GB SAS 16MB Cache Hard Drive

Product Overview

Seagate Cheetah 15K.7 ST3600057SS 600GB 15000 RPM 16MB Cache SAS 6Gb/s 3.5" Internal Enterprise Hard Drive Bare Drive



Specifications

Feautures:

- Delivers high performance with sustained data rates up to 171MB/s.
- Offers high capacity (up to 600GB) with third-generation perpendicular recording.
- Includes Seagate PowerTrim technology to dynamically reduce power usage.
- Supports 6Gb/s SAS 2.0, 4Gb/s FC, and Ultra320 SCSI interfaces.
- Includes advanced read/write technology for an unrecoverable error rate of 1x10E16 and an annualized failure rate (AFR) of 0.55 percent.
- Provides TCG-compliant, Self-Encrypting Drive (SED) security option (SAS models only) to eliminate the need to overwrite or physically destroy drives, enable safe return of drives for warranty or expired lease purposes and allow organizations to securely repurpose or sell hard drives.
- Meets regulatory data security compliance requirements and is FIPS 140-2 Validated.

Specifications:

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Specifications	
Product Code	ST3600057SS
Model Number	ST3600057SS
Interface	6-Gb/s SAS
Cache	16MB
Capacity	600GB

Areal density (avg)	225Gb/in2
Guaranteed Sectors	1, 172, 123, 568
PHYSICAL	
Height	26.10mm
Width	101.85mm
Length	146.99mm
Weight (typical)	686g
PERFORMANCE	
Spin Speed (RPM)	15, 000 RPM
Average latency	2.0ms
Random read seek time	3.4ms
Random write seek time	3.9ms
I/O data transfer rate	600MB/s
Unrecoverable read errors	1 in 1016
RELIABILITY	
MTBF	1, 600, 000 hours
Annual Failure Rate	0.0055
POWER	
Average idle power	11.68W
Average operating power	16.35W
Maximum start current, AC	3.88
Maximum start current, DC	1.91
ENVIRONMENT	
Operating Ambient Temperature	5 degrees-55 degreesC
Nonoperating Ambient Temperature	-40 degrees-70 degreesC
SHOCK	
Operating Shock (max)	60 Gs for 2ms
Nonoperating Shock (max)	300 Gs for 2ms
ACOUSTICS	
Acoustics (Idle Volume)	3.6 bels
Storage Type	HDD

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/ST3600057SS-Seagate-Cheetah-15K-7-600GB-SAS-16MB-Cache-Hard-Drive-p-128006.php

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