

## Produktinformation



## Information



Tillverkare	Seagate
Artnr	ST3450857FC-REF

## Seagate Cheetah 15K ST3450857FC - Hard drive - 450 GB - internal - 3.5" - 4Gb Fibre Channel - 15000 rpm - buffer: 16 MB

Seventh-generation Seagate Cheetah 15K.7 drive is the fastest, highest capacity and most reliable ever. Lower watts/GB ratio helps achieve reduced power and cooling costs while optimizing capacity requirements. Seagate continues to focus on reliability and data protection. MTBF is an industry-leading 1.6 million hours. Seagate-exclusive enhanced error correction code better maintains performance throughout the life of the drive and reduces the probability of lost data. The third generation of Seagate-exclusive background media scan proactively scans the media for potential defects during drive idle time. It enables incipient errors to be corrected before data is lost. Quick and robust download feature loads firmware in seconds, with built-in protection to ensure no corruption in the event of a power failure during firmware switch.

## Specifikation

### General

Status	R4
Device Type	Hard drive - internal
Capacity	450 GB
Form Factor	3.5" x 1/3H
Interface	4Gb Fibre Channel
Buffer Size	16 MB
Features	Enhanced Error Correction Code, Background Media Scan (BMS), PowerTrim technology, Perpendicular Magnetic Recording (PMR)
Width	10.2 cm
Depth	14.7 cm
Height	2.5 cm
Weight	0.68 kg

### Performance

Drive Transfer Rate	400 MBps (external)
Internal Data Rate	296 MBps

<b>Seek Time</b>	3.4 ms (average)
<b>Track-to-Track Seek Time</b>	0.2 ms
<b>Average Latency</b>	2 ms
<b>Spindle Speed</b>	15000 rpm

Reliability

<b>MTBF</b>	1,600,000 hours
<b>Non-Recoverable Errors</b>	1 per 10 <sup>16</sup>

Expansion & Connectivity

<b>Interfaces</b>	1 x 4Gb Fibre Channel - 40 pin Centronics (SCA-2)
<b>Compatible Bay</b>	3.5" x 1/3H

Environmental Parameters

<b>Min Operating Temperature</b>	5 °C
<b>Max Operating Temperature</b>	55 °C
<b>Shock Tolerance</b>	60 g @ 2ms (operating) / 300 g @ 2ms (non-operating)
<b>Vibration Tolerance</b>	1 g @ 5-400 Hz (operating) / 3 g @ 5-400 Hz (non-operating)