

Seagate Cheetah 146GB 3.5" SAS 3.5"

Brand : Seagate

Product family: Cheetah

Product code: ST3146356FC

Product name : 146GB 3.5" SAS

Cheetah 15K.6 FC 4-GB/s 146-GB Hard Drive

[Seagate Cheetah 146GB 3.5" SAS 3.5"](#):

The Seagate® Cheetah® 15K.6 hard drive enables manageable tiered storage solutions without compromising performance or reliability. Cheetah 15K.6 drives deliver cost-effective solutions, allowing systems to keep up with increasing performance needs over a longer period of time.

- Second-generation perpendicular recording for maximum capacity.
- Unprecedented performance with a 28 percent increase in sustained data rate, up to 164 MB/sec.
- Industry's highest 3.5-inch drive reliability at 1.6-million-hours MTBF.
- Seagate proprietary PowerTrim™ technology provides a 61 percent improvement in watts/GB at idle.
- Advanced read/write technology delivers unrecoverable error rate of 1x10E16 .
- Available in FC or SAS interfaces.

Seagate Cheetah 146GB 3.5" SAS. HDD size: 3.5", HDD capacity: 146 GB, HDD speed: 15000 RPM



Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	146 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	15000 RPM	Operating vibration	1 Gs
Interface *	SAS	Non-operating vibration	2 Gs
Type *	HDD	Operating shock	60 G
Component for *	Server/workstation	Non-operating shock	250 G
Storage drive buffer size	16 MB	Weight & dimensions	
HDD number of heads	3	Width	101.6 mm
Read seek time	3.4 ms	Height	25.4 mm
Write seek time	3.9 ms	Depth	146.1 mm
Track to track seek time	0.2 ms	Weight	0.674 g
Average latency	2 ms	Other features	
Mean time between failures (MTBF)	1600000 h	Sustained data rate	171 MB/s
Power		HDD transfer rate	1051 Mbit/s
Operating voltage	5 / 12 V	Internal	✓
		Fibre Channel	✓

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