

Hitachi Deskstar 5K3000 3.5" 3 TB SATA3,Serial ATA III

Brand : Hitachi

Product family: Deskstar

Product code:
HDS5C3030ALA630

Product name : 5K3000

3000GB, SATA 6Gb/s, 3.5", 32MB Data Buffer

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The Deskstar™ 5K3000 hard drive provides an enormous 3TB capacity and features innovative CoolSpin technology to deliver a greater level of power efficiency and quiet operation for energy-conscious, environmentally-friendly computers. Key to CoolSpin technology is an optimization of motor speed to provide an ideal balance of performance, power utilization and acoustics. The CoolSpin technology, along with other Hitachi power management techniques, gives the Deskstar 5K3000 its 29% power savings over the Deskstar 7K3000. This new 3TB is the first Hitachi CoolSpin hard drive with a 6Gb/s SATA interface. With low power, high capacity and cool operation, the 3.5-inch Deskstar 5K3000 allows manufacturers to leverage the benefits of the latest components and operating systems to deliver more eco-friendly systems. Manufacturers planning to use the highest capacity 3TB drive in systems should consult the Hitachi High Capacity Technology Brief.



Features		Operational conditions	
HDD size *	3.5"	Operating relative humidity (H-H)	8 - 90%
HDD capacity *	3 TB	Storage relative humidity (H-H)	5 - 95%
HDD speed *	5400 RPM	Operating vibration	0.67 G
Interface *	SATA3,Serial ATA III	Non-operating vibration	1.04 G
Storage drive buffer size	32 MB	Operating shock	70 G
Bytes per sector	512	Non-operating shock	300 G
Start/stop cycles	600000	Weight & dimensions	
Power		Width	101.6 mm
Power consumption (idle)	4.8 W	Height	26.1 mm
Operating voltage	5 / 12 V	Depth	147 mm
Start-up current	2 A	Weight	690 g
Operational conditions		Other features	
Operating temperature (T-T)	0 - 60 °C	Internal	✓
Storage temperature (T-T)	-40 - 70 °C	Data transfer rate	6 Gbit/s

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