

Hitachi Ultrastar 7K6000 3.5" 6 TB SAS

Brand : Hitachi

Product family: Ultrastar

Product code: 0F22801

Product name : 7K6000

6TB, SAS 12Gb/s, 3.5", 7200 rpm, 128MB, 512e TCG

Hitachi Ultrastar 7K6000 3.5" 6 TB SAS:

As petabyte (PB) growth continues to increase at a rapid pace, corporate and cloud data centers are under extreme pressure to improve the efficiency of storage. To address this data center challenge, HGST introduces Ultrastar® 7K6000, delivering up to 6TB of capacity and an industry-standard, 3.5-inch hard drive, for capacity-optimized enterprise applications. Ultrastar 7K6000 provides 50% more capacity and 33% better power efficiency in terms of Watts per terabyte (W/TB) than its predecessor, Ultrastar 7K6000 also delivers greater storage efficiency through best-in-class performance, achieving up to 3X higher write performance, even at higher workloads, thanks to HGST media cache architecture, a disk-based caching technology, which provides a large non-volatile cache on the disk. Media cache also allows for improved reliability and data integrity during unexpected power loss.



Features		Power	
HDD size *	3.5"	Power consumption (typical)	11 W
HDD capacity *	6 TB	Power consumption (idle)	7.7 W
HDD speed *	7200 RPM	Operating voltage	5 / 12 V
Interface *	SAS	Operational conditions	
Type *	HDD	Operating temperature (T-T)	5 - 60 °C
Component for *	Server/workstation	Storage temperature (T-T)	-40 - 70 °C
Storage drive buffer size	128 MB	Operating vibration	0.67 G
HDD interface transfer rate	12 Gbit/s	Non-operating vibration	1.04 G
Read seek time	7.6 ms	Operating shock	70 G
Write seek time	8 ms	Non-operating shock	300 G
Average latency	4.16 ms	Weight & dimensions	
Bytes per sector	512	Width	101.6 mm
Mean time between failures (MTBF)	2000000 h	Height	147 mm
		Depth	26.1 mm
		Weight	715 g

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.