

## Hitachi Ultrastar 7K6000 3.5" 4 TB SAS

**Brand :** Hitachi

**Product family:** Ultrastar

**Product code:** 0F22794

**Product name :** 7K6000

4TB, SAS 12Gb/s, 3.5", 7200 rpm, 128MB, 4Kn ISE

Hitachi Ultrastar 7K6000 3.5" 4 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 *	4 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	4096	Width	101.6 mm
Mean time between failures (MTBF)	2000000 h	Height	26.1 mm
		Depth	147 mm
		Weight	715 g

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