

Produktinformation



HGST Ultrastar 7K4000 HUS724020ALS640 - Hard drive - 2 TB - internal - 3.5" - SAS 6Gb/s - 7200 rpm - buffer: 64 MB

Information



Tillverkare	Hitachi
Artnr	0B26887-REF

Ultrastar 7K4000 represents the sixth-generation HGST 5-platter design, which has been field proven by top server and storage OEMs and Internet giants. Engineered for the highest quality, the Ultrastar 7K4000 is put through grueling design tests during development and must pass stringent ongoing reliability testing during manufacturing. Ultrastar 7K4000 delivers by reducing downtime, eliminating service calls and minimizing TCO. Operating at 7200 RPM, Ultrastar 7K4000 offers better overall performance than slower RPM capacity-oriented drives, and does so at impressively low power-consumption rates. The Ultrastar 7K4000 can help data centers achieve lower AC power and HVAC requirements. With five advanced power Management modes, the 7K4000 achieves a 59% reduction in watts during low RPM idle mode, and uses less than 1 W during standby/sleep modes, freeing up precious headroom for growing enterprise needs.

Specifikation

General

Label	2TB 7,2k 6G SAS LFF HDD
Status	R4
Device Type	Hard drive - internal
Capacity	2 TB
Form Factor	3.5" x 1/3H
Interface	SAS 6Gb/s
Buffer Size	64 MB
Bytes per Sector	512
Features	Rotational Vibration Safeguard (RVS), Thermal Flyheight Control (TFC), Enhanced Availability (EA) for 24x7 accessto data, Advanced Format technology, Dual Stage Actuator (DSA), S.M.A.R.T.
Width	10.16 cm
Depth	14.7 cm
Height	2.61 cm

Weight	690 g
Performance	
Drive Transfer Rate	600 MBps (external)
Internal Data Rate	172 MBps
Seek Time	8.2 ms (average)
Spindle Speed	7200 rpm
Reliability	
MTBF	2,000,000 hours
Non-Recoverable Errors	1 per 10 ¹⁵
Start / Stop Cycles	600,000
Expansion & Connectivity	
Interfaces	1 x SAS 6Gb/s
Compatible Bay	3.5" x 1/3H
Power	
Power Consumption	10.9 Watt (active) 7.6 Watt (idle)
Miscellaneous	
Compatible with Windows 7	"Compatible with Windows 7" software and devices carry Microsoft's assurance that these products have passed tests for compatibility and reliability with 32-bit and 64-bit Windows 7.
Environmental Parameters	
Min Operating Temperature	5 °C
Max Operating Temperature	60 °C
Shock Tolerance	70 g @ 2ms half-sine pulse (operating) / 300 g @ 1ms half-sine pulse (non-operating)
Vibration Tolerance	0.67 g @ 5-500 Hz (operating)