

999.00 EUR
 incl. 19% VAT, plus [shipping](#)



The Ultrastar DC HC510 series provides cost-effective hard drives with low to medium capacity, which ensure fast and reliable data access in conventional data center applications.

- Dual-Stage Micro Actuator
- Rotational Vibration Safeguard (RVS)
- NVC Quick Cache
- Media cache architecture
- Rebuild Assist mode
- SAS 12Gb/s
- 256MB cache buffer

Tabelle

Configuration	
Interface	SAS 12Gb/s
Capacity (TB)	8TB
Format: Sector size3 (bytes)	4Kn: 4096, 4112, 4160, 4224 512e: 512, 520, 528

Performance	
Data buffer (MB)	256
Rotational speed (RPM)	7200
Latency average (ms)	4.16
Interface transfer rate (MB/s, max)	1200
Sustained transfer rate	(MiB/s, typical) -> 237 / 215 (MB/s, typical) -> 249 / 225
Acoustics	
Idle (Bels, typical)	2.0/3.6
Power	
Requirement	+5 VDC, +12VDC
Operating	6.8
Idle (W)	5.0
Power consumption efficiency at Idle (W/TB)	(Watts/TB) -> 0.58 (Watts/GB) -> 0.00058
Reliability	
Error rate (non-recoverable, bits read)	1 in 10 ¹⁵
Load/Unload cycles (at 40°C)	600,000
Availability (hrs/day x days/wk)	24x7
MTBF (M hours)	2.5
Annualized Failure Rate (AFR)	0.35%
Warranty (yrs)	5
Physical Size	
z-height (mm)	26.1
Dimensions (width x depth, mm)	101.6 (+/-0.25) x 147
Weight (g, max)	660
Environmental (Operating)	
Ambient temperature	5° to 60° C
Shock (half-sine wave 2 ms, G)	70
Vibration (G RMS 5 to 500 Hz)	0.67 (XYZ)
Environmental (Non-Operating)	
Ambient temperature	-40° to 70° C
Shock (half-sine wave, G)	300 (2ms) / 150 (11ms)
Random vibration (G RMS 2 to 200 Hz)	1.04 (XYZ)