



WD Ultrastar DC HC520 HUH721212AL5204

Hard drive - 12 TB - internal - 3.5" - SAS 12Gb/s - 7200 rpm - buffer: 256 MB

Group	HDDs
Manufacturer	WD
Manufacturer item no.	0F29532
EAN/UPC	8717306638906

Description

Laying the foundation for a worry-free data center, Western Digital delivers the capacity to conquer the data explosion with the Ultrastar DC HC500 series of hard drives. The DC HC500 series is designed for public and private cloud environments.

Main features

Product Description	WD Ultrastar DC HC520 HUH721212AL5204 - hard drive - 12 TB - SAS 12Gb/s
Type	Hard drive - internal
Capacity	12 TB
Form Factor	3.5"
Interface	SAS 12Gb/s
Data Transfer Rate	1.2 GBps
Buffer Size	256 MB
Spindle Speed	7200 rpm
Features	Perpendicular Magnetic Recording (PMR), Secure Erase function, Enterprise, 24x7 availability
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	660 g

Extended details

General

Device Type	Hard drive - internal
Capacity	12 TB
Form Factor	3.5"
Interface	SAS 12Gb/s
Buffer Size	256 MB
Bytes per Sector	512
Features	Perpendicular Magnetic Recording (PMR), Secure Erase function, Enterprise,



	24x7 availability
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	660 g
Performance	
Drive Transfer Rate	1.2 GBps (external)
Seek Time	8 ms (average)
Average Latency	4.16 ms
Spindle Speed	7200 rpm
Reliability	
MTBF	2,500,000 hours
24x7 Operation	Yes
Non-Recoverable Errors	1 per 10 ¹⁵
Load / Unload Cycles	600,000
Expansion & Connectivity	
Interfaces	1 x SAS 12 Gb/s
Compatible Bay	3.5"
Power	
Power Consumption	9.8 Watt (active) 6.1 Watt (idle)
Manufacturer Warranty	
Service & Support	Limited warranty - 5 years
Environmental Parameters	
Min Operating Temperature	5 °C
Max Operating Temperature	60 °C
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Shock Tolerance (operating)	70 g @ 2 ms half-sine wave
Shock Tolerance (non-operating)	300 g @ 2 ms half-sine wave
Vibration Tolerance (operating)	0.67 g @ 5-500 Hz
Vibration Tolerance (non-operating)	1.04 g @ 2-200 Hz

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