



## WD Ultrastar DC HC320 HUS728T8TAL4204

Hard drive - 8 TB - internal - 3.5" - SAS 12Gb/s - 7200 rpm - buffer: 256 MB

Group	HDDs
Manufacturer	WD
Manufacturer item no.	0B36399
EAN/UPC	8717306631211

### Description

As the industry evolves to develop purpose-built solutions for growing data storage requirements, IT managers continue to rely on lower capacity drives that are economical to acquire, yet deliver quick and reliable data access for traditional data center applications. Ultrastar DC HC310 is a low-capacity HDD, that helps address economic and access requirements of many traditional IT workloads. Low capacity drives also help address architecture limitations. Part of the mid-capacity DC HC300 series, the Ultrastar DC HC310 is designed for traditional storage and server applications as well as distributed and scalable computing, including block and file storage architectures, providing fast 7,200 RPM performance and lower acquisition cost to help ease budget constraints. Ultrastar DC HC310 is offered with SAS interface.

### Main features

Product Description	WD Ultrastar DC HC320 HUS728T8TAL4204 - hard drive - 8 TB - SAS 12Gb/s
Type	Hard drive - internal
Capacity	8 TB
Form Factor	3.5"
Interface	SAS 12Gb/s
Data Transfer Rate	1.2 GBps
Buffer Size	256 MB
Spindle Speed	7200 rpm
Features	Rotational Vibration (RV) compensation technology, Secure Erase function, media caching technology, Rebuild Assist mode, non-volatile cache, advanced format 4Kn, 24x7 availability
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	715 g

### Extended details

#### General



Device Type	Hard drive - internal
Capacity	8 TB
Form Factor	3.5"
Interface	SAS 12Gb/s
Buffer Size	256 MB
Bytes per Sector	4096
Features	Rotational Vibration (RV) compensation technology, Secure Erase function, media caching technology, Rebuild Assist mode, non-volatile cache, advanced format 4Kn, 24x7 availability
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	715 g
<b>Performance</b>	
Drive Transfer Rate	1.2 GBps (external)
Internal Data Rate	255 MBps
Seek Time	8 ms (average)
Average Latency	4.16 ms
Spindle Speed	7200 rpm
<b>Reliability</b>	
MTBF	2,000,000 hours
24x7 Operation	Yes
Non-Recoverable Errors	1 per 10 <sup>15</sup>
Load / Unload Cycles	600,000
<b>Expansion &amp; Connectivity</b>	
Interfaces	1 x SAS 12 Gb/s
Compatible Bay	3.5"
<b>Power</b>	
Power Consumption	12.8 Watt (typical)   8.4 Watt (idle)
<b>Manufacturer Warranty</b>	
Service & Support	Limited warranty - 5 years
<b>Environmental Parameters</b>	
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