

WD Ultrastar DC HA340 WUS721208BLE6L4 (0B47078)

WD Ultrastar DC HA340 WUS721208BLE6L4 - Hard drive - Data Centre - 8 TB - internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer: 256 MB



The WD Ultrastar DC HA340 is a high-capacity, internal hard drive designed to meet the demanding requirements of data center environments. With an 8 TB capacity, it offers ample storage for extensive data needs. Engineered for reliability, it supports 24x7 continuous operation and boasts a mean time between failures (MTBF) of 2,000,000 hours. Performance is optimized with a 267 MBps data transfer rate and a 256 MB buffer size, ensuring swift and efficient data handling. Additionally, this hard drive incorporates advanced technologies such as Rotational Vibration (RV) compensation and Dual Stage Actuator (DSA), making it suitable for NAS and RAID configurations. Its energy-efficient design, with low power consumption during operation and idle modes, makes it a suitable choice for data centers looking to optimize their energy usage. Whether for bulk storage or high-availability environments, the WD Ultrastar DC HA340 delivers on capacity, performance, and reliability.

Key Selling Points

- 8 TB capacity for extensive storage needs
- 24x7 operation support for continuous reliability
- 267 MBps data transfer rate for efficient performance
- 2,000,000 hours MTBF for enhanced durability
- Energy-efficient design with low power consumption

Product Features

- Robust performance**
Equipped with a 256 MB buffer size and an internal data rate of 267 MBps, this hard drive ensures swift and reliable data access and transfer, making it suitable for data center environments that demand efficiency.
- Designed for durability**
With an impressive MTBF of 2,000,000 hours and support for 600,000 load/unload cycles, this hard drive is built to withstand continuous operation, ensuring long-term reliability and stability.
- Optimized for data centers**
Featuring 24x7 continuous operation capability and advanced technologies like Rotational Vibration (RV) compensation, Dual Stage Actuator (DSA), and NAS compatibility, this hard drive is engineered to meet the rigorous demands of data center applications.
- Energy efficient**
This hard drive optimizes power consumption with just 8 W during operation and 6.7 W in idle mode, making it an energy-efficient choice for data centers looking to reduce their power usage.
- High-capacity storage**
Offering an 8 TB capacity, this hard drive provides ample space for large-scale storage needs, making it a suitable choice for data centers requiring extensive data storage capabilities.

Main specifications

Product Description	WD Ultrastar DC HA340 WUS721208BLE6L4 - hard drive - Data Centre - 8 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	8 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	256 MB
Spindle Speed	7200 rpm
Drive Class	Data Centre
Features	Advanced format 512e, non-volatile cache, Dual Stage Actuator (DSA), Rotational Vibration (RV) compensation technology, Conventional magnetic recording (CMR), 24x7 continuous operation, NAS compatible, RAID ready
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	715 g
Manufacturer Warranty	5-year warranty

Extended specification

General

Device Type	Hard drive - internal
Capacity	8 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	256 MB
Features	Advanced format 512e, non-volatile cache, Dual Stage Actuator (DSA), Rotational Vibration (RV) compensation technology, Conventional magnetic recording (CMR), 24x7 continuous operation, NAS compatible, RAID ready
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	715 g

Manufacturer Warranty

Service & Support	Limited warranty - 5 years
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Power

Power Consumption	8 watt (operating) ¦ 6.7 watt (idle)
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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
Shock Tolerance (non-operating)	300 g @ 2 ms
Vibration Tolerance (operating)	0.67 g @ 5-500 Hz
Vibration Tolerance (non-operating)	1.04 g @ 2-200 Hz

Performance

Drive Class	Data Centre
Drive Transfer Rate	600 MBps (external)
Internal Data Rate	267 MBps
Average Latency	4.16 ms
Spindle Speed	7200 rpm

Reliability

MTBF	2,000,000 hours
24x7 Operation	Yes
Non-Recoverable Errors	1 per 10 ¹⁵
Load / Unload Cycles	600,000

Expansion & Connectivity

Interfaces	1 x SATA 6 Gb/s
Compatible Bay	3.5"

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet