

WD Ultrastar DC HA340 WUS721210BLE6L4 (0B47062)

WD Ultrastar DC HA340 WUS721210BLE6L4 - Hard drive - Data Centre - 10 TB - internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer: 512 MB



The WD Ultrastar DC HA340 is designed for data center environments, featuring a substantial capacity of 10 TB. This internal hard drive offers a spindle speed of 7200 rpm, allowing for quick access to data, coupled with a low average latency of 4.16 ms. With a data transfer rate of 600 MBps and an internal data rate of 267 MBps, this drive efficiently manages large workloads during demanding operations, including 24x7 continuous operation. Durability is a key aspect of the WD Ultrastar DC HA340, equipped with features like Vibration Safeguard (RVS) and a shock sensor, which protect data integrity even in challenging environments. Its robust design supports a wide range of operating temperatures from 5°C to 60°C, with storage temperatures extending from -40°C to 70°C. Additionally, the drive boasts a mean time between failures (MTBF) of 2,000,000 hours, making it a reliable choice for long-term use in mission-critical applications.

Key Selling Points

- 10 TB capacity for extensive data storage
- 7200 rpm spindle speed for fast data access
- Equipped with Rotational Vibration Safeguard for data protection
- 24x7 operation capability to meet high-demand environments
- Mean time between failures of 2,000,000 hours for reliability

Product Features

- Robust data protection**
The WD Ultrastar DC HA340 features a shock sensor and Rotational Vibration Safeguard technology, which help protect against data loss in high-vibration environments, ensuring data integrity even during intense operational conditions.
- Efficient performance**
With a data transfer rate of 600 MBps and an internal data rate of 267 MBps, this drive is optimized for efficient performance, providing quick data access and management for large data sets.
- Extensive operating range**
Designed to operate within a temperature range of 5°C to 60°C, along with a storage temperature capability of -40°C to 70°C, the drive is suited for a variety of environments and applications.
- High reliability**
The WD Ultrastar DC HA340 has a mean time between failures of 2,000,000 hours, which signifies reliability and longevity, making it a dependable choice for data center operations.
- Sustained availability**
Engineered for continuous operation, this hard drive supports 24x7 usage, meeting the demands of applications that require constant data access without downtime.

Main specifications

Product Description	WD Ultrastar DC HA340 WUS721210BLE6L4 - hard drive - Data Centre - 10 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	10 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	512 MB
Spindle Speed	7200 rpm
Drive Class	Data Centre
Features	24x7 continuous operation, advanced format 512e, air-filled, Rotational Vibration Safeguard (RVS), Dynamic fly height technology, shock sensor, Conventional magnetic recording (CMR)
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	750 g
Manufacturer Warranty	5-year warranty

Extended specification

General

Device Type	Hard drive - internal
Capacity	10 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	512 MB
Features	24x7 continuous operation, advanced format 512e, air-filled, Rotational Vibration Safeguard (RVS), Dynamic fly height technology, shock sensor, Conventional magnetic recording (CMR)
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	750 g

Manufacturer Warranty

Service & Support	Limited warranty - 5 years
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Power

Power Consumption	9.2 watt (operating) 8.4 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 half-sine wave
Shock Tolerance (non-operating)	250 g @ half-sine wave
Vibration Tolerance (operating)	0.67 g @ 5-500 Hz
Vibration Tolerance (non-operating)	1.04 g @ 2-200 Hz
Sound Emission	34 dBA

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

Software & System Requirements

OS Required	Linux, Microsoft Windows, Microsoft Windows Server
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Expansion & Connectivity

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

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