



**HDD WESTERN  
DIGITAL  
ULTRASTAR  
Ultrastar DC  
HC550  
WUH721816AL5204  
16TB SAS 7200  
rpm 3,5 MTBF  
2500000 hours  
0F38357**

Model: 0F38357

Manufacturer: WESTERN DIGITAL

Product Code: 40690

**R14,151** ~~R16,773~~

## Ultrastar DC HC500 Series

High Capacity for Massive Data and Lower Total Cost of Ownership

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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## **Driving Up Capacity and Driving Down TCO for Cloud and Hyperscale Data Centers**

The breadth and depth of Big Data is driving the universal need for higher capacities across a broad spectrum of applications and workloads. 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 disk drives (HDDs). The DC HC500 series is designed for public and private cloud environments where storage density and cost-efficient infrastructure is critical.

The 18TB/16TB Ultrastar DC HC550 HDDs are the first commercial implementation of Energy-Assisted Magnetic Recording technology and utilize the industry's first Triple Stage Actuator. These technologies, integrated with HelioSeal on a 9-disk platform, deliver the highest areal density and unmatched Total Cost of Ownership for customer and market needs.

### **Solves TCO Challenges**

#### **- High Capacity**

Up to 18TB HDDs, drop-in ready for Big Data workloads

#### **- Low Power**

Up to 61% lower idle W/TB than 10TB Ultrastar air-filled drives

#### **- More Reliable**

25% higher MTBF rating than air-filled HDDs

### **Continuous Innovation for Highest Capacities and Lower TCO**

The Ultrastar DC HC550 18TB CMR HDD and Ultrastar DC HC650 20TB SMR HDD are delivering industry leading capacity for the data center through a combination of new and proven technologies.

Western Digital is the first to deliver Energy-Assisted Magnetic Recording (EAMR) technology and a Triple Stage Actuator (TSA). These new technologies combined with further mechanical innovations and HelioSeal technology provide the industry's highest capacities to enable data at scale with optimized TCO for data center architectures, while maintaining workload reliability and performance.

- 18TB/16TB capacity in a standard 3.5-inch form factor
- Industry's first Energy-Assisted Magnetic Recording technology

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- Industry's first Triple Stage Actuator
- Leading HelioSeal technology
- Reliable, field-proven design across five generations
- HelioSeal design delivers power efficiency (Watts/TB)
- 2.5M hours MTBF rating

Summary: Western Digital Ultrastar DC HC550. HDD capacity: 16 TB, HDD speed: 7200 RPM, Storage drive buffer size: 512 MB, HDD size: 3.5", Interface: SAS | Vendor Homepage:

<https://www.westerndigital.com/products/data-center-drives/ultrastar-dc-hc500-series-hdd> | 24/7 operation: Yes | Average latency: 4.16 | Component for: Server/workstation | HDD capacity: 16000 | HDD interface transfer rate: 12 | HDD size: 3.5 | HDD speed: 7200 | Interface: SAS | Mean time between failures (MTBF): 2500000 | Noise level (idle): 2 | Start/stop cycles: 600000 | Storage drive buffer size: 512 | Type: HDD | Workload rate limit: 550 | Operating voltage: 5 / 12 | Power consumption (idle): 5.6 | Power consumption (read): 6.5 | Power consumption (write): 6.5 | Non-operating shock: 250 | Non-operating vibration: 1.04 | Operating shock: 50 | Operating temperature (T-T): 5 - 60 | Operating vibration: 0.67 | Storage temperature (T-T): -40 - 70 | Manual: Yes | Depth: 147 | Height: 26.1 | Weight: 690 | Width: 101.6 | Quantity per pack: 1 | Harmonized System (HS) code: 84717050 | HDD Family name: Ultrastar DC HC550 | Model name: WUH721816AL5204 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.0014175 | Unit Calculated Weight: 0.7

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