



**HDD WESTERN
DIGITAL SAS 3.5
Buffer 512 MB
7200 RPM 24 TB
WUH722424AL5204
0F62802
Ultrastar DC
HC580 0F62802**



Model: WUH722424AL5204 0F62802

Manufacturer: WESTERN DIGITAL

Product Code: 332636

R41,560

24TB data center HDD with OptiNAND technology

The relentless growth of data means organizations must find ways to efficiently store ever more data. The Ultrastar DC HC580 24TB1 HDD with improved OptiNAND technology is the next step in high-capacity hard drives, allowing data centers to maximize their storage, especially in footprint- and powerconstrained environments.

Keep up with exponential data growth

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.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

The 24TB1 Ultrastar DC HC580 HDD with OptiNAND technology's capacity-enabling features provides more efficient storage on a 10-disk CMR drive, enabling you to store more in the same footprint

Innovative technologies for higher capacities

Improved OptiNAND technology, energy-assisted magnetic recording (EAMR), triplestage actuator (TSA), and HelioSeal enable high capacity with low power

Performance and protection

ArmorCache is a feature enabled by OptiNAND that offers higher performance in write cache disabled mode and provides enterprise power loss protection in write cache enabled mode

Designed for data center workloads

The Ultrastar DC HC580 is performance-optimized to handle heavy application workloads of up to 550TB2 per year.

Built with reliability in mind

This robust drive delivers dependability in intense data center environments with up to 2.5M hours MTBF3 (projected).

- New, improved OptiNAND technology enables more efficient storage footprint
- Energy-assisted magnetic recording (EAMR), triple-stage actuator (TSA), and HelioSeal for high capacity with low power
- ArmorCache improves performance and provides enterprise power loss protection

Summary: Western Digital Ultrastar DC HC580. HDD capacity: 24 TB, HDD speed: 7200 RPM, Storage drive buffer size: 512 MB, HDD size: 3.5", Interface: SAS | Vendor Homepage:

<https://www.westerndigital.com/en-kw/products/internal-drives/data-center-drives/ultrastar-dc-hc580-hdd?sku=0F62802> | HDD capacity: 24000 | HDD speed: 7200 | Storage drive buffer size: 512 | HDD size: 3.5 | Interface: SAS | Type: HDD | Component for: Server/workstation | Hot-swap: No | HDD interface transfer rate: 12 | HDD sustained transfer rate: 298 | Average latency: 4.16 | Uncorrectable Bit Error Rate (UBER): < 1 per 10¹⁵ bits read | Workload rate limit: 550 | Mean time between failures (MTBF): 2500000 | Power consumption (idle): 5.8 | Power consumption (read): 8.7 | Power consumption (write): 8.7 | Operating voltage: 5 / 12 | Operating temperature (T-T): 5 - 60 | Storage temperature (T-T): -40 - 70 | Operating vibration: 0.7 | Non-operating vibration: 1.04 | Operating

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.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

shock: 40 | Non-operating shock: 200 | Width: 101.6 | Depth: 147 | Height: 26.1 | Weight: 670 |
Quantity per pack: 1 | Warranty period: 5 | Windows operating systems supported: Yes | Linux
operating systems supported: Yes | Unit Calculated Weight: 0.7 | Product Net Weight: 0.67 | Unit
Calculated Volume: 0.0014175 | Name: HDD SAS 24TB 7200RPM 12GB/S/512MB DC HC580 0F62802
WD | HDD Family name: Ultrastar DC HC580 | Model name: WUH722424AL5204 0F62802

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.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950