HDD WESTERN DIGITAL ULTRASTAR Ultrastar DC HC580 24TB SATA 512 MB 7200 rpm 3,5 0F62796

Model: 0F62796

Manufacturer: WESTERN DIGITAL

Product Code: 1424265

R33,652 ~~R35,103~~

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.
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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: Serial ATA | Vendor Homepage: https://www.westerndigital.com/products/internal-drives/data-center-drives/ultrastar-dc-hc580-hdd?sku=0F62796 | HDD capacity: 24000 | HDD speed: 7200 | Storage drive buffer size: 512 | HDD size: 3.5 | Interface: Serial ATA | Type: HDD | Component for: Server/workstation | Hot-swap: No | HDD sustained transfer rate: 298 | Average latency: 4.16 | Workload rate limit: 550 | Mean time between failures (MTBF): 2500000 | Power consumption (idle): 5.5 | Power consumption (read): 8.5 | Power consumption (write): 8.5 | 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 shock: 40 | Non-operating shock: 200 | Width: 101.6 | Depth: 147 | Height: 26.1 | Weight:

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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: 0.001403 | Units per Shipping Box: 20 | Unit Width: 10.2 | Units per Pallet: 0 | Shipping Box Height: 21 | Unit Depth: 14.7 | Unit Height: 2.6 | Name: HDD SATA 24TB 7200RPM 512MB/DC HC580 0F62796 WD | HDD Family name: Ultrastar DC HC580

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