

Item no.: 375636

0B36404 - WD Ultrastar 8 TB internal Memory, 3.5 Zoll, SATA

from **271,53 EUR**

Item no.: 375636
 shipping weight: 0.10 kg
 Manufacturer: Western Digital



Product Description

Medium capacity hard drivesThe Ultrastar DC HC300 series delivers cost-effective, low-to-medium capacity hard drives that provide fast and reliable data access for traditional data centre applications. Cost-effectiveness and access speed: critical requirements for low-capacity HDDs in the data centreAs the industry develops new purpose-built solutions to meet growing storage needs, IT managers continue to rely on low-capacity HDDs that are more cost-effective while still providing the performance and reliability needed for traditional data centre applications. The Ultrastar® DC HC320 is designed for workloads of up to 550 TB per year. It offers 8 TB1 and meets the economy and access requirements of many traditional IT workloads. Low capacity hard drives also ease architectural constraints. It is part of the mid-capacity DC HC300 series and is suitable for traditional storage and server applications as well as decentralised and scalable computing applications, including block and file storage architectures. With a fast 7,200 rpm, the Ultrastar DC HC320 offers high performance at a low cost - ideal for organisations with strict budget constraints. The Ultrastar DC HC320 is available with SATA (6 Gbps) or SAS (12 Gbps) interface in 512e9 format. Technological innovation boosts efficiency and performance of traditional IT systemsThe Ultrastar DC HC320 is based on a proven 5-disc platform with CMR (Conventional Magnetic Recording) technology, air-fill and 3.5-inch form factor. Compared to the previous generation, Ultrastar 7K6000, the DC HC320 delivers 33% more capacity, has up to 12% more performance and uses media with a slightly larger diameter. It utilises a second generation two-stage micro actuator for precise positioning of the read/write head for improved drive performance. The increase in write performance is also supported by the Western Digital Media Cache architecture. This technology provides a large cache area on the drive, improving drive reliability and data integrity in the event of a sudden power failure. In addition, both the SATA and SAS models with non-volatile memory (NVC) based on flash technology ensure faster writing. The Ultrastar DC HC320 also includes a rebuild assist function that significantly speeds up RAID recovery while maintaining system performance. Find out more in our technical overview of Rebuild. Technical data- Capacity 8 TB - Form factor 3.5-inch - Interface SATA - Transfer speed up to 255MB/s - Disk Speed (RPM) 7200 RPM - Recording Technology CMR - Cache Size 256MB - Security SE - Dimensions (L x W x H) 147mm x 101.6mm x 26.1mm - Weight 0.72kgs - Model Number 718037845470 - Operating Temperature 5°C to 60°C - Non-Operating Temperature -40°C to 70°C - Certifications BSMI, ICES-003/NMB-003, CE, FCC, KC, Maghreb, RCM, UKCA, VCCI, CB-Scheme, TUV, ULProduct features- Good random and sequential access performance - 8 TB storage capacity for conventional IT systems - Constant data transfer rate up to 255 MB/s - Choice of SAS (12 Gbit/s) or SATA (6 Gbit/s) - Advanced Format 512e models - Versions with self-encryption

Specifications

Scan this QR code to
 view the product
 All details, up-to-date
 prices and availability

