

Item no.: 375694

0B42262 - 10 TB HDD, 3.5 Zoll, SAS

from **336,91 EUR**

Item no.: 375694
 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 and fast access to data are the main criteria for selecting HDDs for data centres. IT managers need to create storage tiers as part of specialised solutions for on-premises, off-premises and cloud storage. Helium-filled hard drives offer the highest storage capacities, while air-filled storage media offer other equally significant benefits. With lower acquisition costs, the ability to utilise designs that have been on the market for longer and higher access density, they are the ideal choice to achieve the desired level of performance while staying within budget. The Ultrastar® DC HC300 series meets today's data centre requirements with storage capacities between 4 and 10 TB and higher performance than previous generations. The drives in the range are suitable for a variety of applications, including traditional storage arrays, rack-mounted storage enclosures, server-based distributed storage systems, distributed and scalable computing infrastructures, and block and file storage architectures. They are offered with 7,200 rpm and SATA (6 Gbit/s) or SAS interface (12 Gbit/s) as well as Advanced Format 4Kn and 512e4. A 512n version of the 4TB models is also available to support older systems with a native block size of 512 bytes. Technological innovation increases efficiency and performance of older conventional systems. The Ultrastar DC HC300 series is based on a proven and cost-effective 3.5-inch model platform with air filling and Conventional Magnetic Recording (CMR). The hard drives of this type use common hardware and firmware and feature a second-generation two-stage micro actuator that enables more precise read/write head positioning and thus optimises 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 addition, both the SATA and SAS models with non-volatile memory (NVC) based on flash technology ensure faster writing. Technical data- Capacity: 10 TB- Form factor: 3.5-Inch- Interface: SAS- Transfer Speed: up to 273MB/s- Disk Speed (RPM): 7200 RPM- Recording Technology: CMR- Cache Size: 256MB- Security: TCG- Dimensions (L x W x H): 147mm x 101.6mm x 26.1mm- Weight: 750gms- 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, UL- Product features- 10 TB storage for OEM and cloud deployments- Advanced format models- Self-encrypting versions- Compatibility- Compatible with Windows, Windows Server and Linux

Specifications

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

