

Item no.: 375643

0B36039 - WD Ultrastar 6 TB internal Memory, 3.5 Zoll, SATA

from **250,97 EUR**

Item no.: 375643
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 HDDs 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 TB¹ and higher performance than previous generations. 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, the drives are offered in 7,200 rpm and SATA (6 Gbps) or SAS (12 Gbps) interfaces, 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 systemsThe 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 utilise common hardware and firmware and feature a second-generation two-stage micro actuator that enables more precise read/write head positioning to optimise 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 6 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- Capacities of 6 TB and 4 TB for conventional IT systems- Constant transfer rates of up to 255 MB/s (512e/4Kn models); 233 MB/s (512n models)- Choice of SAS (12 Gbps) or SATA (6 Gbps)- Advanced format 512e9 models up to 6 TB; 512n formatting available at 4 TB to support legacy systems- Self-encrypting versionsCompatibility- Compatible with Windows, Windows Server and Linux

Specifications

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All details, up-to-date
prices and availability

