Item no.: 375573
WD40EFZX - 4 TB HDD, 3.5 Zoll, SATA

from **137,91 EUR**

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shipping weight: 0.10 kg
Manufacturer: Western Digital

📄 Product Description

Powerful hard drives designed for performance, reliability and energy efficiency in small to medium NAS environments.WD Red Plus hard drives are ideal for power user workloads and small to medium business NAS environments. WD Red Plus drives deliver the speed and capacity needed to store, protect and share growing amounts of data in mid-sized RAID-optimised NAS systems in an energy-efficient manner.Optimised for NAS with NASware™Exclusive Western Digital NASware™ technology optimises drive parameters for NAS system workloads to improve performance and reliability.Designed for continuous operationYour NAS system runs around the clock. Highly reliable storage is therefore essential. WD Red Plus hard drives are designed for systems in continuous operation, giving users the peace of mind that they can access their data reliably.Tested for reliable compatibilityWestern Digital works with many different NAS system manufacturers to conduct extensive testing to ensure compatibility with most NAS enclosures.Optimised for lower total cost of ownershipWD Red Plus drives consume less power (than previous models) and run cooler, lowering operating costs and reducing heat in hard-to-cool NAS enclosures.Less power, high performanceAlthough they consume less power, the drives have massive bandwidth to meet the mixed performance requirements of multi-drive NAS systems.Balanced for increased reliabilityDrives without proper mass balancing can cause excessive vibration and noise in multi-drive systems, which can reduce drive life and lead to performance degradation over time. Our dual-level mass balancing technology improves smooth operation and significantly increases overall drive performance and reliability.Desktop drives vs. WD Red® PlusIt is important to select a drive specifically designed for RAID-optimised NAS systems to ensure optimal performance and protection of your valuable data. Consider the following when selecting a hard drive for your NAS system:- Compatibility: Unlike desktop drives, WD Red Plus hard drives are designed and tested specifically for NAS and feature NASware™ technology, which tunes the hard drive parameters to the workloads of NAS systems for optimal performance.- Reliability:Desktop hard drives are simply not designed for the demands of a NAS environment in continuous operation. WD Red Plus drives are designed for the demanding conditions of high-density, multi-user NAS environments.- Ready for RAID: WD Red drives feature RAID error recovery protocols to reduce failures in multi-bay NAS systems, while most desktop drives are configured for generic applications only.- Noise and Vibration Protection:Desktop drives are designed for single drive operation and therefore typically provide little or no protection against noise and vibration found in multiple drive systems. WD Red hard drives have torsional vibration sensors that anticipate and proactively compensate for disturbances caused by increased vibrations, which often occur in NAS systems with multiple bays.Technical data- Capacity 4 TB- Form factor 3.5-Inch- Connector SATA- Interface SATA- Transfer Speed up to 175MB/s- Disk Speed (RPM) 5400 RPM- Recording Technology CMR- Cache Size 128MB- Endurance (TBW) - Dimensions (L x W x H) 146.99mm x 101.6mm x 26.11mm- Weight 570gms- Model Number WD40EFZX- Operating Temperature 0°C to 65°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- Ideal for the home office, power users, small to medium-sized businesses and private/commercial NAS systems- For RAID-optimised NAS systems with up to 8bays- Designed for workloads of 180 TB/year1 and 1 mio. hours MTBFCompatibility- For RAID-optimised NAS systems with up to 8 bays

📄 Specifications

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