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HDD WESTERN DIGITAL Red Pro 22TB SATA 512 MB 7200 rpm 3,5 WD221KFGX

Model: WD221KFGX

Manufacturer: WESTERN DIGITAL

Product Code: 332570

R30,743 ~~R32,631~~

WD Red™ Pro NAS HDD. For the Demands of Big Business.

Designed specifically with medium or large scale business customers in mind, WD Red™ Pro NAS HDDs are available for up to 24-bay NAS systems. Engineered to handle high-intensity workloads in 24x7 environments, WD Red™ Pro is ideal for archiving and sharing, as well as RAID array rebuilding on extended operating systems such as ZFS or other file systems. These drives add value to your business by enabling your employees to quickly share their files and back-up folders reliably in your NAS solution.

Exclusive NASware™ 3.0 Technology

Our exclusive advanced firmware technology, NASware™ 3.0, enables seamless integration, robust data protection and optimal performance for NAS systems operating under heavy demand. Built into every WD Red™ Pro hard drive, NASware 3.0’s advanced technology improves storage performance

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by increasing compatibility, integration, upgradeability, and reliability.

Built for Optimum NAS Compatibility

WD Red™ Pro drives with NASware™ technology takes the guesswork out of selecting a drive. Optimized for NAS systems, our unique algorithm balances performance and reliability in NAS and RAID environments. Simply put, a WD Red™ Pro drive is one of the most compatible drives available for NAS enclosures. But don’t take our word for it. WD Red™ Pro drives are a reflection of extensive NAS partner technology engagement and compatibility-testing.

Larger NAS Bay Shock Protection

WD Red™ Pro NAS HDDs are equipped with a multi-axis shock sensor that automatically detects subtle shock events and dynamic fly height technology which adjusts each read-write function to compensate and protect the data. This combination of technology further protects the drives in larger 24-bay NAS environments and helps increase hard drive reliability.

3D Active Balance Plus

Our enhanced dual-plane balance control technology significantly improves the overall drive performance and reliability. Hard drives that are not properly balanced may cause excessive vibration and noise in a multi-drive system, reduce the hard drive life span, and degrade the performance over time.

Error Recovery Prevention

Built specifically for RAID and NAS environments, WD Red™ Pro NAS HDDs come equipped with error recovery controls as part of NASware™ 3.0 technology to help reduce drive fallout in RAID applications.

Extended Drive Testing

A NAS environment that has up to 24 bays is very demanding on a hard drive with added vibration and heat. This is why every WD Red™ Pro drive is shipped with extended thermal cycle burn-in testing to help ensure each drive is tested for extended reliable operation.

Longer Warranty Coverage

WD Red™ Pro NAS hard drives comes with a 5-year limited warranty for an even greater peace of

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mind.

Desktop drives vs. WD Red™ Pro

Do right by your NAS and choose the drive purpose-built for NAS with an array of features to help preserve your data and maintain optimum performance. Take the following into consideration when choosing a hard drive for your NAS:

- Compatibility: Unlike desktop drives, these drives are specifically tested for compatibility with NAS systems for optimum performance.
- Reliability: The always-on environment of a NAS or RAID is a hot one, and desktop drives aren’t typically designed and tested under those conditions like WD Red™ Pro drives are.
- Error Recovery Controls: WD Red™ Pro NAS hard drives are specifically designed with RAID error recovery control to help reduce failures within the NAS system.
- Noise and Vibration Protection: Designed to operate solo, desktop drives typically offer little or no protection from the noise and vibration present in a multi-drive system. WD Red™ Pro drives are designed to thrive in multi-bay NAS system environments.

Summary: Western Digital Red Pro . HDD capacity: 22 TB, HDD speed: 7200 RPM, Storage drive buffer size: 512 MB, HDD size: 3.5", Interface: Serial ATA III | Vendor Homepage: https://www.westerndigital.com/en-gb/products/internal-drives/wd-red-pro-sata-hdd | HDD capacity: 22000 | HDD speed: 7200 | Storage drive buffer size: 512 | HDD size: 3.5 | Interface: Serial ATA III | Type: HDD | Component for: NAS | Hot-swap: No | HDD interface transfer rate: 6 | Error Recovery Control (ERC): Yes | Advanced Format (AF): Yes | Shock sensor: Yes | 24/7 operation: Yes | Native Command Queuing (NCQ): Yes | Start/stop cycles: 600000 | Workload rate limit: 300 | Noise level (idle): 20 | Mean time between failures (MTBF): 1000000 | Power consumption (standby): 1.2 | Power consumption (idle): 3.4 | Operating temperature (T-T): 0 - 65 | Storage temperature (T-T): -40 - 70 | Operating shock: 40 | Non-operating shock: 200 | Width: 101.6 | Depth: 147 | Height: 26.1 | Weight: 670 | Quantity per pack: 1 | Harmonized System (HS) code: 84717050 | Compliance certificates: RoHS | Unit Calculated Weight: 0.7 | Product Net Weight: 0.64 | Unit Calculated Volume: 0.001463 | Units per Shipping Box: 20 | Unit Width: 3 | Units per Pallet: 0 | Shipping Box Height: 21.5 | Unit Depth: 15 | Unit Height: 10.5 | Name: HDD SATA 22TB 7200RPM 512MB/RED PRO WD221KFGX WDC | Model: WD221KFGX | HDD Family name: Red Pro

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