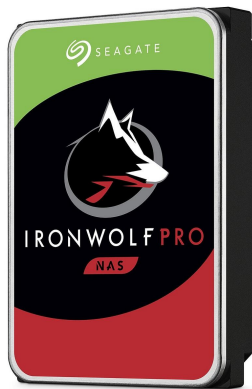


ST24000NT002

Seagate Ironwolf Pro 24TB 3.5" 7200rpm SATA3 6Gb/s 512MB Cache NAS Hard Disk Drive

Product Overview

Seagate Ironwolf Pro 24TB 3.5" 7200rpm SATA3 6Gb/s 512MB Cache NAS Hard Disk Drive, 550 TB/year, ST24000NT002, Unlimited Drive bays supported, CMR recording technology, 512e Sector size, 285MB/s Maximum sustained transfer rate OD



Specifications

Overview Summary:

The Seagate IronWolf Pro 24TB NAS hard drive is built for businesses and professionals needing reliable, high-capacity storage. With 7200RPM speed, 512MB cache, and SATA 6Gb/s connectivity, it ensures smooth performance for multi-user NAS systems. Its CMR recording technology and rotational vibration sensors maintain consistent operation, making it perfect for heavy workloads. Shop now to secure a dependable storage solution designed for 24/7 accessibility and long-term data protection.

Ideal for growing businesses, the IronWolf Pro 24TB supports unlimited drive bays and includes three years of Rescue Data Recovery Services for peace of mind. Buy now to enhance your NAS setup with enterprise-grade reliability and speed.

Performance tier:Enterprise NAS Pro

Uses:Multi-bay NAS storage, enterprise file sharing, backup solutions, collaborative workflows, high-capacity data management

Overview:

Seagate IronWolf Pro 24TB NAS Hard Drive for Enterprise and Commercial Use

The Seagate IronWolf Pro 24TB hard drive is built for high-performance NAS environments, offering robust storage solutions for businesses and professionals. Designed for multi-bay, multi-user systems, it combines reliability, speed, and advanced management features to support 24x7 data access and collaboration.

Description:

This NAS-optimized drive delivers 24TB of storage with 7200 RPM speed, 512MB cache, and SATA 6Gb/s connectivity. It supports unlimited drive bays, features CMR recording for consistent performance, and provides up to 550TB/year workload.

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Product Specification Sheet

Equipped with rotational vibration sensors and IronWolf Health Management, it ensures dependable, long-term data storage. Additionally, it includes three years of complimentary Rescue Data Recovery Services for peace of mind.

Features:

Designed for NAS Performance

IronWolf Pro drives are tailored for commercial and enterprise NAS environments. With AgileArray technology, these drives offer dual-plane balancing and time-limited error recovery to optimize RAID performance in multi-bay systems.

24x7 Accessibility

Built for constant operation, IronWolf Pro enables users to access critical data anytime. Its durability ensures reliable performance even under heavy workloads and continuous usage.

High-Capacity Storage Options

Available in capacities up to 24TB, IronWolf Pro drives offer scalable storage solutions for growing businesses. They are ideal for large-scale data storage, file sharing, and collaborative workflows.

Reliable and Durable Design

Rated for 550TB/year workload and 2.5 million hours MTBF, these drives are built to handle commercial NAS demands. The 5-year limited Warranty provides added assurance and long-term cost efficiency.

Enhanced Multi-Bay Performance

Integrated rotational vibration sensors minimize performance degradation in multi-drive setups, ensuring stable operation across large NAS arrays.

Proactive Health Monitoring

IronWolf Health Management actively monitors drive condition, providing recommendations for prevention, intervention, and recovery to maintain optimal system health.

Secure Data Recovery Services

Every IronWolf Pro drive comes with three years of complimentary Rescue Data Recovery Services. With a 95% recovery rate, users can safeguard critical data against accidental corruption or drive damage without incurring extra costs.

Technical Highlights

- Drive Type: 3.5" NAS Hard Disk Drive
- Capacity: 24TB
- Interface: SATA 6Gb/s
- Speed: 7200 RPM
- Cache: 512MB
- Recording Technology: Conventional Magnetic Recording (CMR)
- Maximum Sustained Transfer Rate: 285MB/s
- Workload Rating: 550TB/year

Specifications:

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Specifications	
Product Code	ST24000NT002

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Product Specification Sheet

Specifications	24TB
Standard Model Number	ST24000NT002
Interface	SATA 6Gb/s
Features	
Drive Bays Supported	Unlimited
Recording Technology	CMR
Drive Design (Air or Helium)	Helium
Workload Rate Limit (WRL)	550
Rotational Vibration (RV) Sensors	Yes
Cache (MB)	512MB
Reliability/Data Integrity	
Mean Time Between Failures (MTBF, hours)	2500000 hrs
Nonrecoverable Read Errors per Bits Read, Max	1 per 10E15
Power-On Hours (per year)	8760
Sector Size (Bytes per Logical Sector)	512E
Performance	
Spindle Speed (RPM)	7200RPM
Interface Access Speed (Gb/s)	6.0, 3.0, 1.5
Max. Sustained Transfer Rate OD (MB/s)	285
Rotational Vibration @ 10-1500 Hz (rad/s)	12.5
Power Consumption	
Startup Current, Typical (12V, A)	2.0A
Idle Power, Average (W)	6.3W
Average Operating Power (W)	7.8W
Standby Mode, Typical (W)	1.1W
Sleep Mode, Typical (W)	1.1W
Power Supply Requirements	+12 V and +5 V
Environmental/Temperature	
Operating Temperature (ambient, min degreesC)	5degreesC
Operating Temperature (drive reported, max degreesC) 4	65degreesC
Nonoperating Temperature (ambient, min degreesC)	-40degreesC

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Product Specification Sheet

Nonoperating Temperature (ambient, max degreesC)	70degreesC
Environmental/Acoustics	
Vibration, Nonoperating: 10Hz to 500Hz (Grms)	2.27
Acoustics, Idle (typical, measured in Idle 1 state) (dBA)	20
Acoustics, Seek (typical) (dBA)	26
Environmental/Shock	
Shock, Operating 2ms (Read/Write) (Gs)	40/40Gs
Shock, Nonoperating, 1ms and 2ms (Gs)	200
Physical	
Height (mm/in)	26.11mm/1.028in
Width (mm/in, max)	101.85mm/4.01in
Depth (mm/in, max)	146.99mm/5.787in
Weight (g/lb, typical)	685g/1.512lb
Carton Unit Quantity	20
Cartons per Pallet/Cartons per Layer	40/8

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/ST24000NT002-Seagate-Ironwolf-Pro-24TB-3-5-7200rpm-Buy-p-329778.php>

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