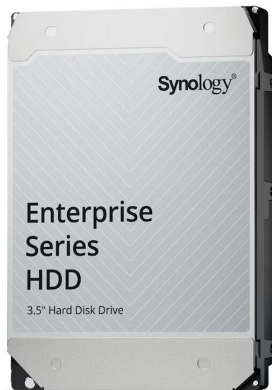


HAT5320-24T

Synology HAT5300 24TB 3.5" 7200rpm SATA3 6Gb/s Enterprise Series NAS Hard Disk Drive

Product Overview

Synology HAT5300 24TB 3.5" 7200rpm SATA3 6Gb/s Enterprise Series NAS Hard Disk Drive, 281 MB/s Maximum sustained Data transfer Speed, 24/7 usage



Specifications

Overview Summary:

The Synology HAT5300 24TB NAS hard drive is engineered for businesses seeking reliable, high-performance storage solutions. With 24TB capacity, 7200rpm speed, and SATA3 6Gb/s interface, it ensures fast, efficient data transfer and optimal RAID repair performance. Designed for 24/7 operation, it seamlessly integrates with Synology NAS systems for simplified management and consistent uptime. Shop now to enhance your enterprise storage with this dependable hard drive.

Built to support demanding workloads with a 550TB/year rating and persistent write cache, the HAT5300 provides robust durability and protection against data corruption. Perfect for multi-user environments, it combines high-speed performance with long-term reliability. Buy now and secure your critical data with a trusted Synology NAS drive.

Performance tier:Enterprise

Uses:Enterprise NAS storage, data backup, RAID arrays, multi-user file access, mission-critical data solutions

Overview:

Synology HAT5300 24TB Enterprise NAS Hard Drive

Synology HAT5300 24TB 3.5" 7200rpm SATA3 6Gb/s hard drives are designed for enterprise NAS systems, delivering high performance, reliability, and seamless integration with Synology hardware and DSM. Built for 24/7 operation, these drives are optimized for demanding multi-user environments and mission-critical storage solutions.

Description:

The Synology HAT5300 24TB hard drive offers up to 281 MB/s sustained data transfer, accelerated RAID repair speeds, and a workload capacity of 550 TB per year. Purpose-built for Synology NAS, it provides simplified system management with one-click firmware updates, persistent write cache technology, and over 500,000 hours of in-house testing to ensure maximum

reliability and durability.

Features:

High-Speed Data Transfer

Synology HAT5300 drives provide exceptional performance with up to 281 MB/s sustained sequential read speed. Optimized for Synology NAS, these drives achieve up to 23% faster sequential read performance compared to similar-class enterprise drives, ensuring smooth multi-user operations and efficient data handling.

Optimized for Synology Systems

These drives are deeply integrated with Synology hardware and DSM software. This tight integration ensures consistent performance scaling, accelerated RAID recovery, and simplified system management, making HAT5300 ideal for both growing businesses and large-scale enterprise storage deployments.

Reliable and Durable for 24/7 Use

Designed to handle continuous operation, the HAT5300 series has an MTBF rating of up to 2.5 million hours. With a workload rating of 550 TB per year and persistent write cache technology, these drives protect data against corruption in the event of sudden power loss, providing peace of mind for critical business data.

Rigorous Validation and Stress Testing

Every Synology HAT5300 drive undergoes over 1,000 stress test cycles and more than 500,000 hours of cumulative testing. This extensive validation ensures maximum reliability and performance in enterprise environments, enabling businesses to maintain uptime and efficiency.

Simplified Maintenance with One-Click Firmware Updates

DSM allows automatic firmware update notifications and one-click installation, reducing administrative workload and the risk of oversights. Maintenance has never been easier, keeping your NAS system secure and up-to-date.

Faster RAID Repair

Synology HAT5300 drives deliver up to 27% faster RAID repair speeds than comparable third-party drives. This improvement helps minimize downtime and ensures data integrity during recovery processes, making your storage environment more resilient.

Built for Enterprise Performance

From consistent performance to long-term durability, Synology hard drives are engineered to complement Synology NAS systems. Deep hardware-software integration delivers reliable storage solutions, simplified management, and superior performance for business-critical applications.

Specifications:

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Specifications	
Product Code	HAT5320-24T
Hardware Specifications	HAT5320-24TB
General	
Capacity	24 TB
Form Factor	3.5"

ComX Computers

Product Specification Sheet

Interface	SATA 6 Gb/s
Performance	
Rotational Speed	7,200 rpm
Maximum Sustained Data Transfer Speed (Typ.)	281 MB/s
Power Consumption	
Active Idle (Typ.)	4.92 W
Random Read / Write (4KB Q1) (Typ.)	8.74 W
Temperature	
Operating	5degreesC to 60degreesC (41degreesF to 140degreesF)
Non-operating	-40degreesC to 70degreesC (-40degreesF to 158degreesF)

Product Information Online

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

Product page: <https://www.comx.co.za/HAT5320-24T-Synology-HAT5300-24TB-3-5-7200rpm-SATA3-Buy-p-331480.php>

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