



## HDD SYNOLOGY HAS5300-12T 12TB SAS 256 MB 7200 rpm 3,5 MTBF 2500000 hours HAS5300-12T



Model: HAS5300-12T

Manufacturer: SYNOLOGY

EAN: 4711174724178

Product Code: 23692

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## R13,701

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### Engineered for top performance and reliability in Synology systems

Unmatched integration with DSM and Synology hardware enable HAS5300 SAS hard drives to reliably deliver class-leading performance in enterprise deployments. HAS5300 drives have passed 200,000 hours of rigorous testing on Synology hardware, feature a 2.5M-hour MTTF, and are covered by Synology's 5-year limited warranty.

### Enterprise-ready

The HAS5300 series drives leverage the low-latency SAS protocol. When paired with high-

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performance and highly scalable Synology SA or UC series solutions, they ensure that mission-critical workloads always have access to dependable and fast storage.

### **Back to peak performance faster**

Building on two decades of storage expertise, Synology HAS5300 drives run on firmware optimized for critical workloads that matter. They allow Synology systems to repair degraded RAID arrays up to 27% faster than similar-class and capacity drives.

### **Validation**

Rigorous tests and compatibility verification<sup>4</sup> ensure maximum reliability on Synology systems, even while handling the most extreme workloads.

### **Simplified maintenance**

Drive firmware updates are shipped together with DSM updates, easing the burden on IT teams and ensuring your drives are always running the latest firmware versions.

### **Dependable**

A 2.5 million-hour MTTF<sup>5</sup>, support for up to 550 TB per year workloads, and persistent write cache technology come together to safeguard data integrity.

Summary: Synology HAS5300-12T. HDD capacity: 12 TB, HDD speed: 7200 RPM, Storage drive buffer size: 256 MB, HDD size: 3.5", Interface: SAS | Vendor Homepage: [https://www.synology.com/en-global/products/hard\\_drives/HAS5300#features](https://www.synology.com/en-global/products/hard_drives/HAS5300#features) | Component for: Server/workstation | HDD average transfer rate: 274 | HDD capacity: 12000 | HDD interface transfer rate: 12 | HDD size: 3.5 | HDD speed: 7200 | HDD sustained transfer rate: 242 | Interface: SAS | Mean time to failure (MTTF): 2500000 | Storage drive buffer size: 256 | Type: HDD | Workload rate limit: 550 | Operating voltage: 5 / 12 | Power consumption (idle): 4.36 | Power consumption (read): 7.8 | Power consumption (write): 7.8 | Non-operating altitude: -305 - 12192 | Non-operating shock: 250 | Non-operating vibration: 3 | Operating altitude: -305 - 3048 | Operating relative humidity (H-H): 5 - 90 | Operating shock: 70 | Operating temperature (T-T): 5 - 60 | Operating vibration: 0.75 | Storage relative humidity (H-H): 5 - 95 | Storage temperature (T-T): -40 - 70 | Sustainability compliance: Yes | Depth: 147 | Height: 26.1 | Weight: 720 | Width: 101.85 | Quantity per pack: 1 | Harmonized System (HS) code: 84717050 | Certification: CE, EAC, BSMI, RCM, KC, ICES, UKCA, TUV, UL, RoHS | Compliance certificates: RoHS | Model name: HAS5300-12T | Units per Shipping Box: 1 | Unit Calculated Volume: 0.001008 | Unit

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Calculated Weight: 0.71

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