Synology HAT5310-8T internal hard drive
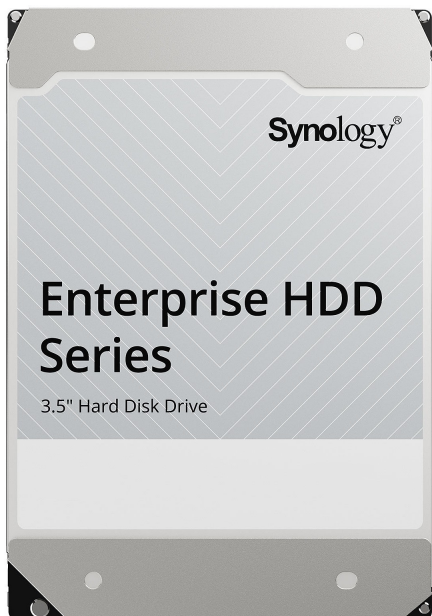
Artikel	133971
Herstellernummer	HAT5310-8T
EAN	4711174724727
Synology	

Built for Demanding
Workloads and HighCapacity Arrays Synology HAT5300 series is designed to
tackle demanding, high-volume workloads. Optimized specifically for Synology storage solutions, its design enables high sequential throughput, maximizing the number of concurrent clients the system can sustain. HAT5300 series drives are engineered for maximum dependability, passing over 500,000 hours of validation, and are backed by Synology's 5-year limited warranty.

Scale-up Confidently
Synology HAT5300 series drives are engineered to provide fast and dependable performance, even for a large number of clients. Firmware and software collaborate to ensure maximum performance, delivering over 23% higher sequential read performance than similar capacity drives.1 HAT5300 series provides outstanding performance for large-scale video surveillance, multimedia post-production, and enterprise file server environments.

Maximum Endurance and Reliability
Designed with our expertise in storage systems, HAT5300 series drives are backed by an up to 2.5 million hour MTTF rating, workload support of 550 TB per year, and persistent write cache technology. Over 500,000 hours of compatibility and stress testing ensure that the HAT5300 can continuously operate even under extreme workloads with our NAS and IP SAN lineup. Combined with data protection solutions running on Synology systems, you can confidently depend on your data 24/7 using HAT5300 series drives.

Simplified Maintenance
DSM updates will ensure that compatible Synology drives will be updated together with the operating system. This reduces the number of maintenance sessions IT teams need to schedule while also increasing the entire system's service availability. Simplify IT infrastructure planning requirements by getting support for the entire system from Synology.

Zusammenfassung

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Synology HAT5310-8T, 3.5", 8 TB, 7200 RPM

Synology HAT5310-8T. HDD size: 3.5", HDD capacity: 8 TB, HDD speed: 7200 RPM

Merkmale

Logistics data

Harmonized System (HS) code	84717050

Power

Power consumption (read)	9.29 W
Power consumption (write)	9.29 W
Power consumption (idle)	5.61 W

Weight & dimensions

Width	101.8 mm
Height	26.1 mm
Depth	147 mm
Weight	720 g

Operational conditions

Operating temperature (T-T)	5 - 60 °C
Storage temperature (T-T)	-40 - 70 °C
Operating vibration	0.25 G
Non-operating vibration	3 G
Operating altitude	-305 - 3048 m
Non-operating altitude	-305 - 12192 m
Operating shock	70 G
Non-operating shock	260 G

Features

HDD size	3.5"
HDD capacity	8 TB
HDD speed	7200 RPM
Interface	Serial ATA III
Type	HDD
Component for	NAS
HDD interface transfer rate	6 Gbit/s
HDD sustained transfer rate	248 MiB/s
24/7 operation	Yes
Workload rate limit	550 TB/year
Mean time to failure (MTTF)	2000000 h
Certification	CE, RCM, BSMI, KC, EAC, UL, TUV, ICES, UKCA, RoHS