

HAT3310-12T



Brand: Synology

Product Code: HAT3310-12T

Availability: 10

Weight: 720.00g

Dimensions: 147.00mm x 101.85mm x
26.11mm

Call for Price:

Short Description

Synology HAT3310 12TB Plus Series SATA HDD 3.5" (HAT3310-12T)

Description

Reliable Drives for Home and Small Office Systems

Synology Plus Series SATA HDDs are designed to meet the reliability, endurance, and performance requirements of 24/7 storage in Synology small and medium-sized business storage systems. Stringent validation testing and NAS-class reliability ensure consistent performance in high-uptime and multi-user environments.

Highlights

- **Reliable Always-On Operation** Backed by up to a 1.2 million hours MTBF1 and 180

TB/ year workload rating.

- **Tested for Maximum Reliability** Stringent validation and over 500,000 hours of testing ensure reliability in Synology systems.
- **Seamless Firmware Updates** Firmware updates can be performed directly in Synology DSM.
- **Reliable Recording Technology** Conventional magnetic recording (CMR) technology offers consistent performance.

Engineered for endurance

Synology Plus Series HDDs are backed by up to a 1.2 million-hour mean time between failure (MTBF)¹ and a 180 TB per year workload rating, up to three times the limit of conventional desktop hard drives. Over 500,000 hours of compatibility and stress testing ensure smooth operation even under multi-user workloads.

Convenient firmware updates

Users are automatically notified when firmware updates become available for Synology Plus Series HDDs and can update drives seamlessly from DiskStation Manager (DSM) on their Synology storage system, eliminating the need for third-party tools and disk removal for firmware updates.

The Synology advantage



Durability

Designed for 24/7 operation



Updates

Seamless firmware updates through DSM



One-stop support

Fast troubleshooting from Synology

Hard drives designed for Synology systems



Superior dependability

Using 100% conventional magnetic recording (CMR) technology, Plus Series disk drives ensure consistent write performance throughout their lifespans.

Synology Plus Series HDDs have a workload rating of 180 TB per year
Workload rating 180 TB/year

Synology Plus Series HDDs offer an MTBF of up to 1.2 million hoursMTBF up
to1.2million hours

Easy firmware updates

Firmware updates can be performed directly through DSM, ensuring drives benefit from the latest patches while eliminating the need for disk removal.



Comprehensive testing

Synology Plus Series drives are subjected to thorough compatibility and stress testing to ensure smooth 24/7 operation under multi-user workloads.

Synology Plus Series HDDs undergo over 500,000 hours of cumulative stress testing to ensure maximum reliability

500K+ hours of testing

Hardware Specifications

General	
Capacity	12 TB
Form Factor	3.5"
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.)	3.30 W
Random Read / Write 4KB Q1 (Typ.)	6.85 W
Notes	Power consumption may differ according to configurations and platforms.
Temperature	
Operating	5°C to 60°C 41°F to 140°F
Non-operating	40°C to 70°C 40°F to 158°F

Product Gallery



