

Synology Plus Series HAT3300(HAT3300-6T)  
Synology Plus Series HAT3300 - Hard drive - 6 TB - internal - 3.5" - SATA 6Gb/s - 5400 rpm



Reliable hard drives purpose-built for Synology systems in home and small office environments.

Key Selling Points

- Durability - designed for 24/7 operation
- Updates - seamless firmware updates through DSM
- One-stop support - fast troubleshooting from Synology

Product Features

Superior dependability

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

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.

Main Specifications

Product Description	Synology Plus Series HAT3300 - hard drive - 6 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	6 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Spindle Speed	5400 rpm
Features	Upgradable firmware, Conventional magnetic recording (CMR), Air Drive Design
Dimensions (WxDxH)	101.85 mm x 146.99 mm x 26.11 mm
Weight	610 g
Manufacturer Warranty	3-year warranty

Extended Specification

General

Device Type	Hard drive - internal
Capacity	6 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Bytes per Sector	512
Features	Upgradable firmware, Conventional magnetic recording (CMR), Air Drive Design

Width	101.85 mm
Depth	146.99 mm
Height	26.11 mm
Weight	610 g

**Performance**

Drive Transfer Rate	600 MBps (external)
Internal Data Rate	202 MBps
Spindle Speed	5400 rpm

**Reliability**

MTBF	1,000,000 hours
24x7 Operation	Yes

**Expansion & Connectivity**

Interfaces	1 x SATA 6 Gb/s
Compatible Bay	3.5"

**Power**

Power Consumption	5.3 Watt (random read/write) 3.4 Watt (active idle)
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**Miscellaneous**

Compliant Standards	UL, TUV, BSMI, RoHS, KC, RCM, UKCA
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**Manufacturer Warranty**

Service & Support	Limited warranty - technical support and hardware replacement - 3 years
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**Environmental Parameters**

Min Operating Temperature	0 °C
Max Operating Temperature	65 °C
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Operating	5 - 90% RH (non-condensing)
Shock Tolerance (operating)	70 g @ 2 ms
Shock Tolerance (non-operating)	300 g @ 2 ms
Vibration Tolerance (operating)	0.25 g @ 350-500 Hz
Vibration Tolerance (non-operating)	3 g @ 350-500 Hz
Sound Emission	28 dBA

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