Synology

Product Specifications

HAT5310-16T

Last updated: May 29, 2026

Hardware Specifications

General	
Capacity	16 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

Reliability	
Warranty	5 Years
Notes	The warranty period starts from the purchase date as stated on your purchase receipt. (Learn more)

Power Consumption	
Active Idle (Typ.)	4.16 W
Random Read / Write (4KB Q1) (Typ.)	8.35 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)

Compatibility	
Applied Models	• HAT5320-4T • HAT5320-8T • HAT5300-12T • HAT5310-16T • HAT5310-20T • HAT5320-24T