



Toshiba N300 NAS - Hard drive

4 TB - internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer: 128 MB

Group	HDDs
Manufacturer	Toshiba
Manufacturer item no.	HDWQ140UZSVA
EAN/UPC	4051528328240

Description

Toshiba's N300 3.5-inch NAS internal hard drive is designed to meet the reliability, performance, endurance, and scalability requirements of 24/7 network attached storage application for personal, home office and small business use.

The N300 features rotational vibration (RV) sensors which automatically detect and compensate for transient vibrations to deliver consistent performance in multi-bay storage enclosures. With support for up to 8 drive bays in a multi-RAID NAS design, the N300 is highly scalable to the users' NAS configurations as their data storage needs evolve.

The N300 NAS HDD line of high-reliability drives have a high workload rating of up to 180TB/year and are optimized for use in NAS environments where large amounts of data need to be efficiently stored and accessed daily.

Main features

Product Description	Toshiba N300 NAS - hard drive - 4 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	4 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	128 MB
Spindle Speed	7200 rpm
Features	Shock sensor, NAS compatible, 24x7 continuous operation, vibration sensor, workload up to 180 TB per year
Dimensions (WxDxH)	101.85 mm x 147 mm x 26.1 mm
Weight	720 g

Extended details

General

Device Type	Hard drive - internal
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Capacity	4 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	128 MB
Features	Shock sensor, NAS compatible, 24x7 continuous operation, vibration sensor, workload up to 180 TB per year
Width	101.85 mm
Depth	147 mm
Height	26.1 mm
Weight	720 g
Performance	
Drive Transfer Rate	600 MBps (external)
Internal Data Rate	204 MBps
Spindle Speed	7200 rpm
Reliability	
MTBF	1,000,000 hours
24x7 Operation	Yes
Non-Recoverable Errors	1 per 10 ¹⁴
Expansion & Connectivity	
Interfaces	1 x SATA 6 Gb/s
Compatible Bay	3.5"
Miscellaneous	
Compliant Standards	RoHS
Package Type	Bulk
Manufacturer Warranty	
Service & Support	Limited warranty - 3 years
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	65 °C

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