

## Internal Hard Drives

# N300

For NAS and other high-performance storage demands



8 TB 6 TB 4 TB

Color 

Toshiba's N300 3.5-inch internal hard disk offers unprecedented reliability for NAS and other high-performance storage systems. It is optimized to meet the reliability, endurance, performance, and scalability requirements of 24/7 high-capacity storage for personal, home office, and small business use. The N300 is available in capacities of up to 8 TB.

- Use for:
- 1- to 8-bay NAS
  - Desktop RAID and servers
  - Multimedia server storage



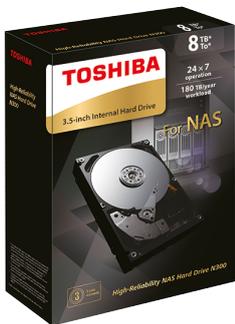
-  Optimal for 1-to-8 bay NAS
-  3.5" SATA Hard Drive
-  7200 rpm
-  128 MB buffer
-  High reliability and enhanced real-time performance
-  High-endurance design
-  Data protection technology
-  Perfect for: Personal, home office and small business use

## Manual

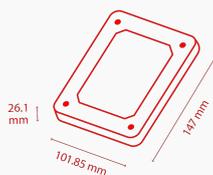
[UM\\_N300\\_International.pdf](#) 

## Firmware & Driver

[FW\\_N300.zip](#) 



# Product Specifications



<b>Acoustics (idle mode)</b>	33 dB typ. (6 & 8 TB), 30 dB typ. (4 TB)	<b>Limited warranty</b>	3 years
<b>Acoustics (seek mode)</b>	35 dB typ. (6 & 8 TB), 34 dB typ. (4 TB)	<b>MTTF</b>	1,000,000 hours
<b>Advanced Format (AF)</b>	Yes (6TB & 8TB)	<b>Native Command Queing (NCQ)</b>	supported
<b>Average latency</b>	4.17 ms	<b>RoHS compatible</b>	Yes
<b>Box Content</b>	3.5-inch internal hard drive - N300 High-Reliability NAS Hard Drive	<b>Rotational speed</b>	7,200 rpm
<b>Buffer size</b>	128 MB	<b>S.M.A.R.T Support</b>	No
<b>Consumption - Active Idle</b>	6.2 W typ. (8 TB), 6.7 W typ. (6 TB), 5.2 W typ. (4 TB)	<b>Supply voltage</b>	5VDC (±5%) / 12VDC (±10%)
<b>Consumption (operating)</b>	9.2 W typ. (8 TB), 10.1 W typ. (6 TB), 9.6 W typ. (4 TB)	<b>Temperature (operating / non-operating)</b>	0 to 60° C / -40 to 70 °C
<b>Data transfer speed</b>	240MB/s (8TB), 210MB/s (6TB), 200MB/s (4TB)	<b>Unrecoverable error rate</b>	1 per 10E14 bits read
<b>Dimensions</b>	147 (L) x 101.85 (W) x 26.1 (H) mm	<b>Vibration (non-operating)</b>	5 G (5 to 500Hz) or less
<b>Drive bays supported</b>	1 to 8	<b>Vibration (operating)</b>	0.75 G (5 to 300 Hz) 0.25 G (300 to 500 Hz) or less
<b>Form factor</b>	3.5-inch	<b>Weight (approx.)</b>	770 g max. (6 & 8 TB), 720 g max. (4 TB)
<b>Halogen Free</b>	Yes	<b>Workloads</b>	180 TB/year
<b>Interface</b>	SATA 6.0 Gbit/s		

## Product Range

Part number	Capacity	Color
HDWN180EZSTA (Retail)	8 TB	-
HDWN180UZSVA (Bulk)	8 TB	-
HDWN160EZSTA (Retail)	6 TB	-
HDWN160UZSVA (Bulk)	6 TB	-
HDWQ140EZSTA (Retail)	4 TB	-
HDWQ140UZSVA (Bulk)	4 TB	-

# Contact

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