



Product Datasheet

500GB 3.5in Nearline SATA 7200rpm SHIPS AS 1TB



- **Product Code:** SA-500/7-NL
- **Product EAN:** 5055146560197
- **Warranty:** 5 Year Advanced

Origin Storage Ltd manufactures a full range of Matched Hard Drive & Solid State Solutions for most major branded Servers, laptops and desktops, such as Dell, HP, Toshiba, and Lenovo. All of our Matched Drive Solutions come with up to 5 years advanced replacement warranty and also come with free pre and post sales technical support. We can supply replacements or upgrades in form factors of 2.5" or 3.5" with either SATA or SAS interfaces, available in a range of capacities and spin speeds. All our Matched Drive Solutions are just that, matched to the system you have for 100% compatibility, right first time, every time!

Technical Specifications

Weight & Dimensions

Width:	101.8 mm
Height:	147 mm
Depth:	26.1 mm
Weight:	750 g

Power

Power Consumption (read):	8.08 W
Power Consumption (idle):	4.45 W
Operating Voltage:	5 / 12 V

Operational Conditions

Operating Temperature (T-T):	5 - 55 °C
Storage Temperature (T-T):	-40 - 70 °C
Operating Relative Humidity (H-H):	5 - 95%
Storage Relative Humidity (H-H):	5 - 95%
Operating Vibration:	0.25 G
Non-operating Vibration:	4.9 G
Operating Altitude:	-304.8 - 3048 m
Non-operating Altitude:	-304.8 - 12192 m
Operating Shock:	70 G
Non-operating Shock:	300 G

Packaging Content

Storage Drive Adapter Included:	No
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Storage Drive Caddy Included:	No
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Other Features

Drive Ready Time:	20 s
Compliance Certificates:	RoHS

Features

HDD Capacity:	500 GB
HDD Speed:	7200 RPM
HDD Size:	3.5"
Interface:	NL-SATA
Type:	HDD
Component For:	Server/workstation
Hot-swap:	No
Storage Drive Buffer Size:	128 MB
HDD Interface Transfer Rate:	6 Gbit/s
HDD Number Of Heads:	3
Average Latency:	4.16 ms
24/7 Operation:	No
Bytes Per Sector:	512
Mean Time Between Failures (MTBF):	2000000 h
Refurbished:	No

Logistics Data

Harmonized System (HS) Code:	84717050
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