



Product Datasheet

Origin Storage HDD 500GB 2.5in SATA 5400RPM



- **Product Code:** NB-500SATA/5
- **Product EAN:** 5055146554301
- **Warranty:** 3 Year Advanced Warranty

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:	69.8 mm
Height:	7 mm
Depth:	100 mm
Weight:	220 g

Power

Power Consumption (typical):	0.18 W
Power Consumption (read):	1.5 W
Power Consumption (write):	1.5 W
Power Consumption (idle):	0.55 W
Operating Voltage:	5 V
Start-up Current:	4.5 A

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:	15 G
Operating Shock:	225 G
Non-operating Shock:	900 G

Packaging Content

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

Compliance Certificates:	RoHS
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Features

HDD Capacity:	500 GB
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HDD Speed:	5400 RPM
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HDD Size:	2.5"
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Interface:	Serial ATA
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Type:	HDD
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Component For:	Laptop
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Hot-swap:	No
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Storage Drive Buffer Size:	128 MB
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HDD Interface Transfer Rate:	6 Gbit/s
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HDD Number Of Heads:	2
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HDD Number Of Cylinders:	231312
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Track To Track Seek Time:	2 ms
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Bytes Per Sector:	512
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Refurbished:	No
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Logistics Data

Harmonized System (HS) Code:	84717070
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Sustainability

Sustainability Certificates:	RoHS
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Origin Storage Limited

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