



# Product Datasheet

1TB 5400RPM 2.5in SATA HDD 7mm



- **Product Code:** NB-1000SATA/5
- **Product EAN:** 5055146559160
- **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:	69.8 mm
Height:	9.5 mm
Weight:	220 g

## Power

Power Consumption (standby):	0.2 W
Power Consumption (read):	1.6 W
Power Consumption (write):	1.7 W
Power Consumption (idle):	0.45 W
Operating Voltage:	5 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:	1.5 G
Operating Altitude:	-300 - 3000 m
Non-operating Altitude:	-400 - 15000 m

## Packaging Content

Storage Drive Adapter Included:	No
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## Other Features

<b>Drive Ready Time:</b>	4 s
<b>Compliance Certificates:</b>	RoHS
<b>Windows Operating Systems Supported:</b>	Yes
<b>Linux Operating Systems Supported:</b>	Yes

## Features

<b>HDD Capacity:</b>	1 TB
<b>HDD Speed:</b>	5400 RPM
<b>HDD Size:</b>	2.5"
<b>Interface:</b>	Serial ATA
<b>Type:</b>	HDD
<b>Component For:</b>	Laptop
<b>Hot-swap:</b>	No
<b>Storage Drive Buffer Size:</b>	128 MB
<b>HDD Interface Transfer Rate:</b>	6 Gbit/s
<b>Average Seek Time:</b>	12 ms
<b>Average Latency:</b>	5.6 ms
<b>Bytes Per Sector:</b>	512
<b>Refurbished:</b>	No

## Logistics Data

<b>Harmonized System (HS) Code:</b>	84717050
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# Origin Storage Limited

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