



# Product Datasheet

## 1TB 2.5in 5400RPM SATA 7mm HD



- **Product Code:** NB-1000SATA/5-7MM
- **Product EAN:** 5055146641186
- **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

<b>Width:</b>	69.8 mm
<b>Height:</b>	7 mm
<b>Depth:</b>	100.2 mm
<b>Weight:</b>	220 g

## Power

<b>Power Consumption (standby):</b>	0.1 W
<b>Power Consumption (read):</b>	1.5 W
<b>Power Consumption (write):</b>	1.5 W
<b>Power Consumption (idle):</b>	0.5 W
<b>Operating Voltage:</b>	5 V

## Operational Conditions

<b>Operating Temperature (T-T):</b>	5 - 55 °C
<b>Storage Temperature (T-T):</b>	-40 - 70 °C
<b>Operating Relative Humidity (H-H):</b>	5 - 95%
<b>Storage Relative Humidity (H-H):</b>	5 - 95%

## Packaging Content

<b>Storage Drive Adapter Included:</b>	Yes
<b>Storage Drive Caddy Included:</b>	No

## Other Features

<b>Drive Ready Time:</b>	2.8 s
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## 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>	16 MB
<b>HDD Interface Transfer Rate:</b>	6 Gbit/s
<b>Access Time:</b>	5.5 ms
<b>Average Latency:</b>	5.5 ms
<b>Refurbished:</b>	No

## Logistics Data

<b>Harmonized System (HS) Code:</b>	84717050
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## Sustainability

<b>Sustainability Certificates:</b>	RoHS
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# Origin Storage Limited

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