



# Product Datasheet

## 1.8TB 2.5in 10K SAS HDD



- **Product Code:** NB-1800SAS/10
- **Product EAN:** 5056006102236
- **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:  | 70.1 mm  |
| Height: | 15 mm    |
| Depth:  | 100.5 mm |
| Weight: | 220 g    |

## Power

|                              |        |
|------------------------------|--------|
| Power Consumption (typical): | 7.8 W  |
| Power Consumption (read):    | 6.46 W |
| Power Consumption (write):   | 7.05 W |
| Power Consumption (idle):    | 4.55 W |
| Operating Voltage:           | 5 V    |
| Start-up Current:            | 0.47 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:               | 0.5 G            |
| Non-operating Vibration:           | 3 G              |
| Operating Altitude:                | -304.8 - 3048 m  |
| Non-operating Altitude:            | -304.8 - 12192 m |
| Operating Shock:                   | 40 G             |
| Non-operating Shock:               | 400 G            |

Packaging Content

Storage Drive Adapter Included:

No

Other Features

Compliance Certificates:

RoHS

Features

HDD Capacity:

1.8 TB

HDD Speed:

10000 RPM

HDD Size:

2.5"

Interface:

SAS

Type:

HDD

Component For:

Server/workstation

Hot-swap:

No

Storage Drive Buffer Size:

128 MB

HDD Interface Transfer Rate:

12 Gbit/s

HDD Number Of Heads:

8

Access Time:

2.9 ms

Bytes Per Sector:

512

Mean Time Between Failures (MTBF):

2000000 h

Refurbished:

No

Logistics Data

Harmonized System (HS) Code:

84717050

Sustainability

## Origin Storage Limited

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