



Product Datasheet

500GB Hot Plug Midline 7.2K 3.5in NLSATA OEM: 458928-B21 SHIPS AS 1TB



- **Product Code:** CPQ-500NLSA/7-S5
- **Product EAN:** 5055146575696
- **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:	850 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
--	----

Other Features

Internal:	Yes
------------------	-----

Drive Ready Time:	20 s
Compliance Certificates:	RoHS
Windows Operating Systems Supported:	Yes
Linux Operating Systems Supported:	Yes
Compatible Products:	HP ProLiant ML

Features

HDD Capacity:	500 GB
HDD Speed:	7200 RPM
HDD Size:	3.5"
Interface:	NL-SATA
Type:	HDD
Component For:	Server/workstation
Hot-swap:	Yes
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
-------------------------------------	----------

2-4 Rutherford Centre, Rutherford Road, Basingstoke, Hampshire, RG24 8PB UK

Tel: [+44 \(0\)1256 351500](tel:+44(0)1256351500) | **E-Mail:** sales@originstorage.com | **Web:** www.originstorage.com

Copyright 2025 - Origin Storage Limited | All trademarks are the property of their respective owners, E&OE.