



# Product Datasheet

## 500GB Hot Plug Entry 7.2K 3.5in SATA



- **Product Code:** CPQ-500SA/72-S5
- **Product EAN:** 5055146546962
- **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 mm
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<b>Height:</b>	261 mm
<b>Depth:</b>	147 mm
<b>Weight:</b>	850 g

Power

<b>Power Consumption (standby):</b>	1 W
<b>Power Consumption (read):</b>	6.4 W
<b>Power Consumption (write):</b>	6.4 W
<b>Power Consumption (idle):</b>	3.7 W
<b>Operating Voltage:</b>	5 / 12 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%
<b>Operating Vibration:</b>	0.67 G
<b>Non-operating Vibration:</b>	1.04 G
<b>Operating Altitude:</b>	-304.8 - 3048 m
<b>Non-operating Altitude:</b>	-304.8 - 12192 m
<b>Operating Shock:</b>	70 G
<b>Non-operating Shock:</b>	350 G

Packaging Content

<b>Storage Drive Adapter Included:</b>	No
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Other Features

<b>Internal:</b>	Yes
<b>Compliance Certificates:</b>	RoHS
<b>Compatible Products:</b>	HP/Compaq ProLiant DL140 G3 HP/Compaq ProLiant DL145 G3 HP/Compaq ProLiant DL160 G5 HP/Compaq ProLiant DL165 G5 HP/Compaq ProLiant DL180 G5 HP/Compaq ProLiant DL185 G5 HP/Compaq ProLiant DL320 G3 HP/Compaq ProLiant DL320 G4 HP/Compaq ProLiant DL320 G5 HP/Compaq ProLiant DL320 G5p HP/Compaq ProLiant DL320s HP/Compaq ProLiant DL360 G4 HP/Compaq ProLiant DL360 G4p HP/Compaq ProLiant ML150 G2 HP/Compaq ProLiant ML150 G3 HP/Compaq ProLiant ML150 G5 HP/Compaq ProLiant ML310 G3 HP/Compaq ProLiant ML310 G4 HP/Compaq ProLiant ML310 G5 HP/Compaq ProLiant ML350 G4p (DDR2) HP/Compaq ProLiant ML350 G5 HP/Compaq StorageWorks MSA20 HP/Compaq StorageWorks MSA60.

## Features

<b>HDD Capacity:</b>	500 GB
<b>HDD Speed:</b>	7200 RPM
<b>HDD Size:</b>	3.5"
<b>Interface:</b>	Serial ATA
<b>Type:</b>	HDD
<b>Component For:</b>	Server/workstation
<b>Hot-swap:</b>	Yes
<b>Storage Drive Buffer Size:</b>	32 MB
<b>HDD Interface Transfer Rate:</b>	6 Gbit/s
<b>HDD Number Of Cylinders:</b>	16383
<b>Read Seek Time:</b>	0.6 ms

Write Seek Time:	0.8 ms
Average Latency:	4.14 ms
Bytes Per Sector:	512
Refurbished:	No

Logistics Data

Harmonized System (HS) Code:	84717050
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