



## Product Datasheet

### 500GB SATA Opt. 790/990 DT 7.2K 3.5in HD Kit w/Caddy



- **Product Code:** DELL-500SATA/7-F17
- **Product EAN:** 5055146578604
- **Warranty:** 3 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

<b>Width:</b>	101 mm
<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
<b>Storage Drive Caddy Included:</b>	Yes

## Other Features

<b>Compliance Certificates:</b>	RoHS
<b>Compatible Products:</b>	Dell Inspiron 620s, Dell Optiplex 3010 DT, Dell Optiplex 390 DT, Dell Optiplex 7010 DT, Dell OptiPlex 790 DT, Dell Optiplex 9010 DT, Dell OptiPlex 990 DT

## 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>	PC
<b>Hot-swap:</b>	No
<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
<b>Write Seek Time:</b>	0.8 ms
<b>Average Latency:</b>	4.14 ms
<b>SMART Technology:</b>	Yes
<b>Bytes Per Sector:</b>	512
<b>Refurbished:</b>	No

## Logistics Data

**Harmonized System (HS) Code:** 84717050

### Origin Storage Limited

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