



Product Datasheet

500GB HS HD ThinkServer RD210 5.4K 2.5in SATA



- **Product Code:** IBM-500SA/5-S6
- **Product EAN:** 5055146574217
- **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:	69.8 mm
Height:	7 mm
Depth:	100 mm
Weight:	320 g

Power

Power Consumption (standby):	0.18 W
Power Consumption (read):	1.5 W
Power Consumption (write):	1.5 W
Power Consumption (idle):	0.55 W
Operating Voltage:	5 V
Start-up Current:	4.5 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:	1 G
Non-operating Vibration:	5 G
Operating Shock:	225 G
Non-operating Shock:	900 G

Packaging Content

Storage Drive Adapter Included:	No
Storage Drive Caddy Included:	Yes

Other Features

Product Colour:	Multicolour
Internal:	Yes
Data Transfer Rate:	3 Gbit/s
Swing Handle For Easy Carrying:	Yes
Compliance Certificates:	RoHS
Compatible Products:	IBM/Lenovo System x3200 M3 (Xeon) IBM/Lenovo System x3400 M3 7378, 7379-xxx IBM/Lenovo System x3500 M2 7839-xxx IBM/Lenovo System x3500 M3 7380-xxx IBM/Lenovo System x3550 M3 7944 IBM/Lenovo System x3620 M3 7376-xxx IBM/Lenovo System x3650 1914, 7979-xxx IBM/Lenovo System x3755 M3 7164-xxx IBM/Lenovo ThinkServer RD210 IBM/Lenovo ThinkServer RD220 IBM/Lenovo ThinkServer TD200x 3822-41x, 42x, 43x

Features

HDD Capacity:	500 GB
HDD Speed:	5400 RPM
HDD Size:	2.5"
Interface:	Serial ATA
Type:	HDD
Component For:	Server/workstation
Hot-swap:	No
Storage Drive Buffer Size:	8 MB
HDD Interface Transfer Rate:	6 Gbit/s

HDD Number Of Heads:	2
HDD Number Of Cylinders:	231312
Access Time:	5.56 ms
Track To Track Seek Time:	2 ms
Average Latency:	5.56 ms
Bytes Per Sector:	512
Refurbished:	No

Logistics Data

Harmonized System (HS) Code:	84717050
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