

WD CinemaStar Z5K500 HCC545050A7E630 - hard drive - 500 GB - SATA 6Gb/s



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SKU	OJ42255
Product Description:	WD CinemaStar Z5K500 HCC545050A7E630 - hard drive - 500 GB - SATA 6Gb/s
Type:	Hard drive - internal
Capacity:	500 GB
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps
Buffer Size:	32 MB



General

Device Type: Hard drive - internal

Capacity: 500 GB

Form Factor: 2.5"

Interface: SATA 6Gb/s

Buffer Size: 32 MB

Bytes per Sector: 512

Features: SilentSeek technology, Thermal Flyheight Control (TFC), Smooth Stream, SMART Command Transport (SCT), advanced format 512e, 24x7 availability

Width: 70 mm

Depth: 100 mm

Height: 7 mm

Weight: 95 g

Performance

Drive Transfer Rate: 600 MBps (external)

Seek Time: 15 ms (average)

Average Latency: 5.5 ms

Spindle Speed: 5400 rpm

Environmental Parameters

Min Operating Temperature: 0 °C

Max Operating Temperature: 70 °C

Shock Tolerance (operating): 325 g @ 2 ms half-sine pulse

Shock Tolerance (non-operating): 1000 g @ 1 ms half-sine pulse

Miscellaneous

Compliant Standards: Halogen-free

Power

Power Consumption: 0.4 Watt (low power idle) ; 1.4 Watt (active) ; 3.5 Watt (start)

Expansion & Connectivity

Interfaces: 1 x SATA 6 Gb/s - 7 pin Serial ATA

Compatible Bay: 2.5"

Reliability

24x7 Operation: Yes

Load / Unload Cycles: 600,000

