

WD Travelstar Z7K500 HTS725025A7E630 - hard drive - 250 GB - SATA 6Gb/s



26-05-2024

SKU	OJ38072
Product Description:	WD Travelstar Z7K500 HTS725025A7E630 - hard drive - 250 GB - SATA 6Gb/s
Type:	Hard drive - internal
Capacity:	250 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:	250 GB
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Buffer Size:	32 MB
Bytes per Sector:	512
Features:	TrueTrack servo technology, advanced format 4Kn
Width:	70 mm
Depth:	100 mm
Height:	7 mm
Weight:	95 g

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	171 MBps
Seek Time:	13 ms (average) / 25 ms (max)
Track-to-Track Seek Time:	1 ms
Average Latency:	4.2 ms
Spindle Speed:	7200 rpm

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	60 °C
Shock Tolerance (operating):	400 g @ 2 ms half-sine pulse
Shock Tolerance (non-operating):	1000 g @ 1 ms half-sine pulse

Miscellaneous

Compliant Standards:	RoHS, halogen-free, EcoTrac
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Power

Power Consumption:	0.1 Watt (sleep) ; 0.2 Watt (standby) ; 0.8 Watt (low power idle) ; 1 Watt (active idle) ; 1.7 Watt (performance idle) ; 1.8 Watt (read) ; 1.8 Watt (write) ; 2.1 Watt (seek) ; 5.5 Watt (start)
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Expansion & Connectivity

Interfaces:	1 x SATA 6 Gb/s - 7 pin Serial ATA
Compatible Bay:	2.5"

Reliability

Start / Stop Cycles:	600,000
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