

WD Travelstar Z5K500 HTS545050A7E680 - hard drive - 500 GB - SATA 6Gb/s



19-05-2024

SKU	OJ38065
Product Description:	WD Travelstar Z5K500 HTS545050A7E680 - 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:	8 MB



General

Device Type:	Hard drive - internal
Capacity:	500 GB
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Buffer Size:	8 MB
Bytes per Sector:	512
Features:	TrueTrack servo technology, rugged, Advanced Format technology (2nd generation)
Width:	70 mm
Depth:	100 mm
Height:	7 mm
Weight:	95 g

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	136 MBps
Seek Time:	13 ms (average) / 25 ms (max)
Track-to-Track Seek Time:	1 ms
Average Latency:	5.5 ms
Spindle Speed:	5400 rpm

Reliability

Start / Stop Cycles:	600,000
----------------------	---------

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	60 °C
Shock Tolerance:	400 g @ 2ms half-sine pulse

Miscellaneous

Compatible with Windows 7:	"Compatible with Windows 7" software and devices carry Microsoft's assurance that these products have passed tests for compatibility and reliability with 32-bit and 64-bit Windows 7.
Compliant Standards:	RoHS, REACH, halogen-free

Power

Power Consumption:	4.5 Watt (start) 1.6 Watt (read) 1.6 Watt (write) 0.8 Watt (active idle) 0.2 Watt (standby) 0.1 Watt (sleep) 0.55 Watt (low power idle) 1.5 Watt (performance idle)
--------------------	---

Expansion & Connectivity

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