

WD Travelstar Z5K500.B HTS545050B7E660 - hard drive - SATA 6Gb/s



27-05-2024

SKU	1W10013
Product Description:	WD Travelstar Z5K500.B HTS545050B7E660 - hard drive - SATA 6Gb/s
Type:	Hard drive - internal
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps
Buffer Size:	16 MB
Spindle Speed:	5400 rpm

General

Device Type:	Hard drive - internal
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Buffer Size:	16 MB
Bytes per Sector:	4000
Features:	Advanced Format technology
Width:	7 cm
Depth:	10 cm
Height:	7 mm
Weight:	92 g

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	147 MBps
Seek Time:	11 ms (average)
Average Latency:	5.5 ms
Spindle Speed:	5400 rpm

Reliability

Load / Unload Cycles:	600,000
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Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	60 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	65 °C
Shock Tolerance (operating):	400 g @ 2 ms half-sine pulse
Shock Tolerance (non-operating):	1000 g @ 2 ms half-sine pulse

Miscellaneous

Compliant Standards:	Halogen-free
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Power

Power Consumption:	1.4 Watt (read) 1.4 Watt (write) 0.55 Watt (low power idle) 0.16 Watt (standby) 1.6 Watt (seek) 5 Watt (start) 0.16 Watt (sleep)
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Expansion & Connectivity

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