

# SPECS

## GENERAL

Bytes per Sector	512
Interface	SATA 6Gb/s
Buffer Size	256 MB
Weight	22.93 oz
Manufacturer	Western Digital Corp.

## MISCELLANEOUS

MTBF	2000000 hour(s)
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## INTERFACE PROVIDED

Qty	1
Storage Interface	Serial ATA-600

## EXPANSION & CONNECTIVITY

Interfaces	1 x SATA 6 Gb/s
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## HARD DRIVE

Form Factor	3.5"
Spindle Speed	7200 rpm
Features	24x7 continuous operation, Dual Stage Actuator (DSA), Dynamic fly height technology, Enhanced Rotational Vibration Safeguard (RVS), HelioSeal, Secure Erase function, advanced format 512e
Hard Drive Type	internal hard drive
Form Factor (Short)	3.5"
Form Factor (metric)	8.9 cm
Form Factor (Short) (metric)	8.9 cm
Storage Interface	Serial ATA-600
Interface	Serial ATA-600
Average Seek Time	8 ms
Max Seek Time	8.6 ms
Average Latency	4.16 ms
Data Transfer Rate	600 MBps
Internal Data Rate	205 MBps
Buffer Size	256 MB
Bytes per Sector	512 Hz
Non-Recoverable Errors	1 per 10 <sup>15</sup>
Load / Unload Cycles	600,000
24x7 Operation	Yes

## PERFORMANCE

Internal Data Rate	205 MBps
Seek Time	8 ms (average) / 8.6 ms (max)
Drive Transfer Rate	600 MBps (external)
Average Latency	4.16 ms
Spindle Speed	7200 rpm

## ENVIRONMENTAL PARAMETERS

Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Min Operating Temperature	41 °F
Max Operating Temperature	140 °F

## HEADER

Brand	WD
Packaged Quantity	1

## DIMENSIONS & WEIGHT

Width	4 in
Depth	5.8 in
Height	1 in
Weight	22.93 oz

## POWER CONSUMPTION

Mode	active, idle
Value	7.4 Watt, 8.8 Watt

## SERVICE & SUPPORT

Type	5 years warranty
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## SERVICE & SUPPORT DETAILS

Type	limited warranty
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Full Contract Period 5 years

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**SHOCK & VIBRATION TOLERANCE**

Shock Acceleration (Operating)	70 g
Shock Duration (Operating)	2 ms half-sine wave
Shock Acceleration (Non-operating)	300 g
Shock Duration (Non-operating)	2 ms half-sine wave
Vibration Acceleration (Operating)	0.67 g
Vibration Frequency Range (Operating)	5-500 Hz
Vibration Acceleration (Non-operating)	1.04 g
Vibration Frequency Range (Non-operating)	2-200 Hz

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**RELIABILITY**

Non-Recoverable Errors	1 per $10^{15}$
MTBF	2,000,000 hours

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Manufacturer	Western Digital Corp.
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