

WD AV MN500S-2 WD3200LUCT - hard drive - 320 GB - SATA 3Gb/s



Not in stock

SKU	WD3200LUCT
Product Description:	WD AV MN500S-2 WD3200LUCT - hard drive - 320 GB - SATA 3Gb/s
Type:	Hard drive - internal
Capacity:	320 GB
Form Factor:	2.5"
Interface:	SATA 3Gb/s
Data Transfer Rate:	300 MBps
Buffer Size:	16 MB

General

Device Type:	Hard drive - internal
Capacity:	320 GB
Form Factor:	2.5"
Interface:	SATA 3Gb/s
Buffer Size:	16 MB
Bytes per Sector:	4096

Features: Fluid Dynamic Bearing (FDB) motor, Data Lifeguard, SilkStream, Perpendicular Magnetic Recording (PMR), Advanced Format technology, power management support, Hot-Plug Support, 24x7 availability, Dynamic fly height technology, S.M.A.R.T.

Width:	69.85 mm
Depth:	100.2 mm
Height:	6.8 mm
Weight:	92 g

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	65 °C
Humidity Range Operating:	8 - 90% (non-condensing)
Shock Tolerance (operating):	400 g @ 2 ms half-sine pulse
Shock Tolerance (non-operating):	1000 g @ 2 ms half-sine pulse

Miscellaneous

Compliant Standards:	IEC950, EN 60065, AS/NZS 3548, UL 60950-1, BSMI Class B, KCC Class B, CAN/CSA C22.2 No. 60950, EN61000-3-3:1995 + A1:2001, EN55022:2006, EN61000-3-2:2000 + A2:2005, FCC Part 15 Class B, EN 55024:1998+A1:2001+A2:2003
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Power

Power Consumption:	4.9 Watt (maximum) 1.65 Watt (average) 1.8 Watt (seek) 1.29 Watt (idle) 0.16 Watt (standby) 0.16 Watt (sleep)
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Expansion & Connectivity

Interfaces:	1 x SATA 3 Gb/s - 22 pin Serial ATA
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Expansion & Connectivity

Compatible Bay:	2.5"
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Reliability

24x7 Operation:	Yes
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Non-Recoverable Errors:	1 per 10 ¹⁴
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Load / Unload Cycles:	600,000
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Performance

Drive Transfer Rate:	300 MBps (external)
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Internal Data Rate:	147 MBps
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Seek Time:	11 ms (average) / 12 ms (max)
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Average Latency:	5.5 ms
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Spindle Speed:	5400 rpm
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