HDD AV-25 320GB 2.5 SATA 3Gbs 16MB(WD3200LUCT)
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WD AV SATA drives now offer unrivaled storage capacity up to 4 TB - perfect for today's storage intensive applications. These drives are designed to last in high temperature always-on streaming digital audio/video environments such as PVR,DVR and IPTV systems.

Key Selling Points

Highest capacity for audio/video storage
24x7 reliability
SilkStream

Product Features

Highest capacity for audio/video storage

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24x7 reliability

These drives are designed to last in high temperature always-on streaming digital audio/video environments such as PVR,DVR and IPTV systems.

SilkStream

Optimized for smooth,continuous digital video playback of up to 16 simultaneous HD streams. SilkStream is compatible with the ATA streaming command set so CE customers can use standard streaming management and error recovery options.

Main Specifications

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
Spindle Speed	5400 rpm
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.
Dimensions (WxDxH)	69.85 mm x 100.2 mm x 6.8 mm
Weight	92 g

Extended Specification

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

Performance

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

Reliability

Non-Recoverable Errors	1 per 10^14
Load / Unload Cycles	600,000

Expansion &Connectivity

Interfaces	1 x SATA 3 Gb/s - 22 pin Serial ATA
Compatible Bay	2.5"

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)

Miscellaneous

Compliant Standards	IEC950,EN 60065,AS/NZS 3548,UL 60950-1,BSMI Class B,KCC Class B,CAN/CSA C22.2 No. 60950,EN55024:1998 + A1:2001 + A2:2003,EN61000-3-3:1995 + A1:2001,EN55022:2006,EN61000-3-2:2000 + A2:2005,FCC Part 15 Class B

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