



WD AV-25

AV Hard Drives

**Engineered to thrive
in 24x7 streaming
environments**

24x7 reliability

Low power, compact storage

Supports up to five HD streams

WD AV-25 2.5-inch SATA hard drives are specially engineered to offer cool quiet operation while providing maximum reliability in 24x7 always-on environments. With support for up to five simultaneous HD video streams, these drives are perfect for DVRs, set-top boxes and digital video surveillance.





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Product Features

24x7 reliability

These drives are designed to last in always-on streaming digital audio/video environments such as DVR/PVR, digital video surveillance and other demanding multimedia applications.

Advanced Format (AF)

Technology being adopted by WD and other drive manufacturers as one of multiple ways to continue growing hard drive capacities. AF is a more efficient media format that enables increased areal densities.

SilkStream™ technology

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

Ultra-cool operation

A cool drive is a more reliable drive. WD continues to develop new and innovative ways to keep drives cool while they are operating.

Quiet

Noise levels have been minimized to less than one sone* - virtually below the threshold of human hearing.

Low power consumption

The drive draws less than 2 watts while operating and a mere 4.75 watts during spin up.

1 million hours MTBF

Best-in-class reliability for small form-factor AV storage.**

Preemptive Wear Leveling (PWL)

The drive arm frequently sweeps across the disk to reduce uneven wear on the drive surface common to audio video streaming applications.

* A sone is a subjective unit of loudness as perceived by a person with normal hearing.

** Based upon dual tuner system operating in typical 30°C air ambient environment.

Product Specifications

INTERFACE

SATA 3 Gb/s

FORM FACTOR

2.5-inch

SPIN SPEED

5400 RPM

CACHE

8 MB
16 MB

MODELS

WD1600BUCT
WD2500BUCT
WD3200BUCT
WD5000BUCT
WD5000LUCT
WD10JUCT

CAPACITIES

160 GB
250 GB
320 GB
500 GB
1 TB

LIMITED WARRANTY

3 years

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As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second.