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## **WD AV 80GB (7200rpm) SATA3 16MB 3.5 inch Hard Drive (Internal)**

No Image  
Available

WD hard drives have helped enable the digital content revolution since we first began shipping to Microsoft Xbox in 2001. Today WD is a leading manufacturer of consumer electronics storage. Our drives can be found in a multitude of digital video recording products including personal video recorders (PVRs), digital video recorders (DVRs), set-top boxes (STBs) as well as surveillance video recording applications. We understand the unique requirements of this specialized storage-enabled market and our drives deliver the characteristics CE manufacturers seek most.

Warranty	3 Year Limited
Barcode	718037796734
Drive Interface	SATA
Disk Size	3.5 Inches
Disk Capacity	80GB
Disk Speed	7200RPM
Enclosure type	Internal
Dimensions	10.1cm (W) x 14.7cm (D) x 2.5cm (H) - Weight 0.4kg

### **Features**

- \* **Long-Term Reliability:** With a MTBF of 1 million hours, these drives are designed to last in high temperature always-on streaming digital audio/video environments such as PVR/DVR, DVR recorders and surveillance video recorders
- \* **Quiet:** Noise levels have been minimized to less than one sone (A sone is a subjective unit of loudness as perceived by a person with normal hearing) - virtually below the threshold of human hearing
- \* **Low Power Consumption:** WD AV drives deliver best-in-class low power consumption for reduced system power requirements and increased reliability. Note: 3.3V SATA power is not available in this product
- \* **Compatible:** Tested for compatibility in a broad range of AV products including set top boxes, DVD recorders, and mainstream surveillance systems
- \* **SilkStream:** Optimized for smooth, continuous digital video playback of up to twelve simultaneous HD streams (Assumes Host Transfer Block size of 2 MB per stream). SilkStream is compatible with the ATA streaming command set so CE customers can use standard
- \* **IntelliSeek:** Calculates optimum seek speeds to lower power consumption, noise and vibration



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\* **Ramp Load:** Parks the recording heads off the disk surface during spin up, spin down and when the drive is off. This ensures the recording head never touches the disk surface resulting in improved long term reliability due to less head wear, and improved n

\* **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

### **Specification**

#### **General**

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#### **Information**

We have very limited data about this product. Please contact us from more information.

#### **General**

Warranty	3 Year Limited
Barcode	718037796734

#### **Hard Disk**

Drive Interface	SATA
Disk Size	3.5 Inches
Disk Capacity	80GB
Disk Speed	7200RPM
Data Buffer/RAM	16MB

#### **Performance**

Average Seek Time	Read: 15ms
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Seek Time (Track to Track)	2.0ms
Average Latency	4.20ms
Mean Time Between Failure (MTBF)	1,000,000 Hours

### **Electrical**

Power Requirement Spin Up (Max)	6.6Watts
Power Requirement Idle (Ready)	6.2Watts

### **Environmental**

Acoustics (Seek Mode)	25dB
Acoustics (Idle Mode)	24dB
Operating Temperature	0 to 60C
Non Operating Temperature	-40 to 65C
Relative Humidity	5 to 95%
Vibration (Operating)	Linear 20-300 Hz, 0.75G (0 to peak) Random 10-300 Hz, 0.004 g <sup>2</sup> / Hz
Shock (Operating)	Write: 30Gs for 2ms, Read: 65Gs for 2ms
Shock (Non Operating)	350Gs for 2ms

### **Physical**

Enclosure type	Internal
Dimensions	10.1cm (W) x 14.7cm (D) x 2.5cm (H) - Weight 0.4kg



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### **About Memory Express**

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?