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## **WD AV-GP 500GB SATA 6Gb s 16MB 3.5 inch Hard Drive**



WD AV-GP SATA hard drives store more hi-def audio and video than ever before - up to 3 TB. They are optimized with SilkStream technology to capture data from up to 12 simultaneous HD video streams. And with 24x7 operation, low temperature, and best-in-class reliability, WD AV-GP hard drives are ideal for DVR/PVR and video surveillance applications. 3-year limited warranty

Power-conserving WD AV-GP SATA hard drives take advantage of WD GreenPower Technology to meet the extreme requirements of demanding audio and video environments. With power reduction of up to 40%, they deliver cool and quiet operation and reliability perfect for audio video applications such as PVRs, DVRs, set-top boxes (STBs) as well as surveillance video recording.

<b>Warranty</b>	3 years Limited Warranty
<b>Barcode</b>	718037785301
<b>Drive Interface</b>	SATA 3Gb/s
<b>Disk Size</b>	3.5 Inches
<b>Disk Capacity</b>	500GB
<b>Disk Speed</b>	7200RPM
<b>Dimensions</b>	10.16cm (W) x 14.7cm (D) x 2.54cm (H) - Weight 0.63kg

### **Features**

**\* Long-Term Reliability** - 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 - virtually below the threshold of human hearing

**\* Reduced Power Consumption** - WD has reduced power consumption by up to 40 percent compared to competitors' drives with the combination of WD's IntelliSeek, IntelliPark, and IntelliPower technologies

**\* 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. SilkStream is compatible with the ATA streaming command set so CE customers can use standard streaming management and error recovery options

**\* IntelliSeek** - Calculates optimum seek speeds to lower power consumption, noise and vibration.  
[View demo >](#)



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- \* **IntelliPark** - Delivers lower power consumption by automatically unloading the heads during idle to reduce aerodynamic drag
- \* **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
- \* **Advanced Format Technology (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. (EURS models only)

## **Specification**

### **General**

WD AV-GP SATA hard drives store more hi-def audio and video than ever before - up to 3 TB. They are optimized with SilkStream technology to capture data from up to 12 simultaneous HD video streams. And with 24x7 operation, low temperature, and best-in-class reliability, WD AV-GP hard drives are ideal for DVR/PVR and video surveillance applications. 3-year limited warranty

### **Information**

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### **Electrical**

Power Requirement Idle (Ready) 2.50Watts

### **Environmental**

Acoustics (Seek Mode) 25dB

Acoustics (Idle Mode) 24dB

Operating Temperature 0 to 60C

Non Operating Temperature -40 to 70C

Relative Humidity 5 to 95%

Vibration (Operating) Random 0.004 g<sup>2</sup>/Hz (10 to 300 Hz) Linear 20-300 Hz, 0.75G (0 to peak)

Shock (Operating) 65Gs for 2ms

Shock (Non Operating) 300Gs for 2ms

### **Physical**

Dimensions 10.16cm (W) x 14.7cm (D) x 2.54cm (H) - Weight 0.63kg



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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?