



# WD® Storage Solutions



Your digital life is unique. That's why WD® offers a full range of internal hard drives. This handy guide will help you find the perfect drive based on where and how you want to use it.



**WD Blue™**

for solid reliability and everyday computing.



**WD Green™**

for cool, quiet operation that is perfect as secondary or external storage.



**WD Black™**

for demanding performance-driven applications.

**WD VelociRaptor®**

for high-performance workstation computing.



**WD Red™**

designed and optimized for home and small office NAS systems.

# Where are you installing your drive?

Desktop



Mobile



Workstation

**WD VelociRaptor**

NAS



# Desktop Storage



## WD Blue

Solid performance and reliability for everyday computing.

- **WD quality** – Tested and proven compatibility so you can rest assured it will work in your system.
- **Solid performance** – Manufactured with WD's time-tested award-winning technology.
- **More choice** – WD Blue gives you options of cache size, interface and capacity to suit your needs.



## WD Green

Cool, quiet operation for efficient eco-conscious computing.

- **Cooler and quieter** – WD Green is simple high-capacity storage that runs cooler and quieter than traditional 7200 RPM drives.
- **Efficient operation** – Save on power without compromising solid performance.
- **Eco-conscious design** – Manufactured lead free, halogen free and with conflict-free materials.



## WD Black




Maximum performance for power computing.

- **High-performance electronics** – Dual processor speed allows you to work faster with less down time between clicks.
- **Rock-solid mechanical architecture** – WD Black is built tough with enhanced reliability features, perfect for those that demand only the best.
- **Industry-leading warranty** – WD's 5-year limited warranty protection is the highest available on the market.

### Tip:

Need even more performance? Check out WD VelociRaptor in the workstation section, for the ultimate in hard drive performance.

# Storage Comparison At-a-Glance

	WD Blue 	WD Green 	WD Black 
How are you using your PC?			
Office applications	Good	Good	Best
Basic/Web computing	Good	Good	Best
Photo/Video editing	Good		Best
Gaming			Best
Extra storage inside PC	Good	Best	
Secondary storage	Good	Best	
Graphics/Multi-media design			Best
Key features			
Cool		✓	
High performance			✓
Eco-friendly		✓	
High value	✓		
Quiet		✓	
5-year limited warranty			✓

# Mobile Storage



## WD Blue

Solid performance and reliability for everyday computing.

- **WD quality** – Tested and proven compatibility so you can rest assured it will work in your notebook.
- **Low power consumption** – Advanced power management features help to optimize your notebook battery life.
- **Quiet** – WD's exclusive noise reducing technology helps to minimize noise keeping your notebook extra quiet.



## WD Black



Maximum performance for power computing.

- **High-performance electronics** - Dual processor speed allows you to work faster with less down time between clicks.
- **Rock-solid reliability** – Enhanced reliability features help protect the drive and the photos, music and files stored on it.
- **Industry-leading warranty** – WD's 5-year limited warranty protection is the highest available on the market.

### Tip:

My Passport® portable hard drive is the perfect solution for backing up your notebook computer.

# Storage Comparison At-a-Glance

	<b>WD Blue</b> 	<b>WD Black</b> 
<b>How are you using your notebook?</b>		
Office applications	Good	Best
Basic/Web computing	Good	Best
Photo/Video editing		Best
Graphics/Multi-media design		Best
<b>Key features</b>		
Cool and quiet	✓	
High performance		✓
7mm models available for thin notebooks	✓	
5-year limited warranty		✓

# Workstation Storage

## WD VelociRaptor

High-performance storage for power users.

- **Ultimate performance** – Delivers 200 MB/s in sustained read/write performance—more than 25% faster than the previous generation.
- **Unrivaled balance** – Large capacity paired with ultra-fast 10,000 RPM performance is perfect for data-intensive workloads.
- **Rock-solid reliability** – Features a 1.4 million hour MTBF, the highest reliability rating for a high capacity SATA drive.



### Extreme performance and capacity for your unrelenting creative ambition.


Your creativity has no limits, so you need a hard drive to match. With an unmatched combination of performance and capacity WD VelociRaptor is perfect for high-end video and photo editing, 3D rendering and graphic design.

#### Tip:

Pair the high speed WD VelociRaptor with a WD Black desktop hard drive for a high performance system with high capacity.



# Storage Comparison At-a-Glance

	<b>WD Black</b> 	<b>WD VelociRaptor</b>
<b>How are you using your system?</b>		
Basic computing	Good	Best
Multimedia	Good	Best
Multitasking	Good	Best
RAID environment	Good	Best
<b>Key features</b>		
Highest performance		✓
5-year limited warranty	✓	✓
10,000 RPM		✓

# NAS Storage



## **WD Red**

Designed specifically for home and small office NAS systems.

- Optimal compatibility
- Remarkable efficiency and reliability
- WD Red premium support line
- NASWare™ exclusive WD firmware technology



## **Optimum compatibility for home and small business NAS systems.**

Designed and tested to meet the unique system requirements of NAS environments. WD's onboard NASware technology enables seamless integration, balanced performance and error recovery controls in RAID environments.


## **Remarkably reliable and efficient.**

The WD Red NAS hard drive provides a more reliable and better user experience. Engineered for energy efficiency and lower operating temperatures it reduces the demands on the total system.

### **Tip:**

For business critical RAID applications or rack-mounted systems consider WD's enterprise hard drives.

# Storage Comparison At-a-Glance

	WD Red	
		
What type of NAS system do you have?		
Home NAS 1-2 bay	Best	
Small office NAS 2-5 bay	Best	
Network Media systems	Best	
Features	WD Red	Standard Desktop Drives
NASware	✓	✗
3-year limited warranty	✓	✗
NAS compatibility	✓	✗
24 x 7 x 365 reliability	✓	✗
Support RAID 0, 1, 5	✓	✗
Premium 24 x 7 support	✓	✗

# Why choose WD?

## The products

Widest range of drives available no matter the system you're building or upgrading.

## Unbeatable support

- Longer hours of support and free advance replace RMA service
- In many cases WD offers a longer limited warranty than other drive manufacturers.

See [support.wdc.com](http://support.wdc.com) for a wide range of support

## WD makes upgrading easy

Acronis True Image WD Edition Software, available as a free download on the WD Support site, enables you to copy all your data to a new drive so you don't have to reinstall your operating system to get all the benefits of a new drive.

## The WD advantage

WD puts our products through extensive Functional Integrity Testing prior to any product launch. On average, each new product goes through 600,000 hours of testing. WD also has a detailed Knowledge Base with more than 1,000 helpful articles. You can also call toll-free support seven days per week in the U.S. and Canada. See the WD Support site for full details.



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