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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.

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absolutely®

the power of choice,

the quality of WD®.

Internal storage solutions for all your applications.

The Power of Choice

WD offers a full range of internal storage options
that are based on your application and your usage needs.

Why choose WD?

- Award-winning, high-quality products
- The widest range of drives available
- Leading-edge drive reliability

Unbeatable support

- Longer hours of support as well as advance replacement RMA services for customer convenience.
- In many cases WD offers a longer limited warranty than other drive manufacturers.
  See *support.wdc.com* for full details.

WD makes upgrading easy

Acronis® True Image™ WD Edition Software is available as a free user-friendly download on our WD support site. This software enables you to copy all your data to a new drive, saving you time and effort by not having to reinstall your operating system, yet maintaining all the benefits of a new drive.

The WD advantage

We put our products through extensive Functional Integrity Testing (FIT) 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 1,300 helpful articles. And toll-free support is available seven days per week in the U.S. and Canada.
See the WD support site for full details.

Helpful system utilities – Available as a free download, WD's Data Lifeguard™ Diagnostics provides you with the peace of mind your drive is in good health. This tool also allows you to permanently erase your data from the drive, keeping your memories yours.

WD Blue

Everyday Storage

Solid performance and reliability for everyday computing.

WD Blue hard drives deliver solid performance and reliability for desktop and notebook computers, external enclosures and for certain industrial applications.

Features:

WD quality – These drives offer the features and capacity ideal for your everyday computing needs.

Solid performance – Manufactured with WD's time-tested award-winning technology.

Easy to upgrade – Available as a free download, WD Acronis True Image WD Edition allows you to easily copy all your data to your new drive.

Capacities from: Desktop 80 GB - 1 TB / Mobile 250 GB - 1 TB
Available Interfaces: SATA 6 Gb/s, SATA 3 Gb/s, PATA 100 MB/s
Options: 9.5mm, 7mm and 5mm

WD Green

Cool & Quiet Storage

Cool, quiet operation for efficient computing.

WD Green hard drives are designed for use as secondary drives in PCs, for external enclosures and other applications for which low noise and low heat are beneficial.

Features:

Cool and quiet – WD GreenPower Technology™ yields lower operating temperatures for increased reliability and low acoustics perfect for ultra-quiet PCs and external drives.

Reduced power consumption – Best-in-class power management technology delivers significant power savings and solid performance.

Innovative design – WD Green drives are innovatively designed and manufactured with lead-free, conflict-free and halogen-free materials.

Capacities from: Desktop 500 GB - 4 TB / Mobile 1.5 TB - 2 TB
Available Interfaces: SATA 6 Gb/s, SATA 3 Gb/s
Options: 15mm

WD Black

Performance Storage

Maximum performance for power computing.

WD Black hard drives are designed for enthusiasts and creative professionals looking for leading-edge performance.

Features:

Maximum performance – Enhanced features that deliver the speed you need for demanding applications like photo & video editing as well as performance gaming.

No compromises – High performance, capacity and reliability built on cutting-edge technology.

5-year limited warranty – WD Black carries the highest available warranty protection at 5 years.

Capacities from: Desktop 500 GB - 4 TB / Mobile 160 GB - 750 GB
Available Interface: SATA 6 Gb/s, SATA 3 Gb/s

WD Red

NAS Storage

Designed and tested for small NAS environments.

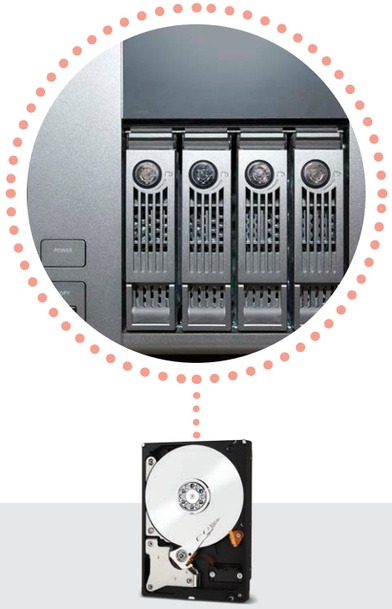
WD Red is the only drive that is designed specifically for home and small office NAS systems and PCs with RAID.

Features:

NAS compatibility – Advanced firmware technology built into every WD Red drive enables seamless integration, robust data protection and optimal performance 24x7.

3D Active Balance Plus – Dual-plane balance control technology improves overall drive performance and reliability. Improperly balanced drives may cause excessive vibration in a multi-drive system, reducing the hard drive life span and degrading performance over time.

Premium support – We'll keep our dedicated premium support lines open 24x7 with experts who have the answers to your questions.



Capacities from: 750 GB – 4 TB
Available Interface: SATA 6 Gb/s

WD VelociRaptor

Workstation Storage

High-performance storage for power users.

Designed for high performance, WD VelociRaptor drives deliver the ultimate performance for photo and video editing.

Features:

Ultra-fast – Designed for high performance, WD VelociRaptor drives spin at 10,000 RPM and feature a built-in heat sink for ultra-cool operation.

PWL technology – Ensures reliability for applications that perform a high incidence of read/write operations at the same physical location on the disk.

5-year limited warranty – With 1.4 million hours MTBF, these drives have the highest available reliability rating on a high capacity SATA drive and feature a 5-year limited warranty.

Capacities from: 250 GB – 1 TB
Available Interface: SATA 6 Gb/s

WD Xe

Datacenter Storage

High-density performance storage for demanding applications.

WD Xe is ideal for high-performance computing solutions, and mission-critical environments.

Features:

Ultra-fast SAS storage – WD Xe delivers 6 Gb/s transfer rates, sustained sequential data rates of up to 204 MB/s and high random I/O rates.

Enterprise ready – WD Xe SAS hard drives provide up to 900 GB of high-performance storage suitable for both enterprise server and enterprise storage applications.

Industry's highest reliability rating – With a field-tested 2 million hour MTBF, this high-performance drive is perfect for enterprise server and enterprise storage applications.

Capacities from 300 GB – 900 GB
Available Interface: SAS 6 Gb/s

Durable capacity storage for high-availability deployments.

WD Re is ideal for SATA and SAS datacenter storage, NAS/SAN, surveillance and cloud storage.

Features:

Highest performance – WD Re delivers 6 Gb/s transfer rates, sustained sequential data rates of up to 182 MB/s and high random I/O rates.

Industry's highest capacity nearline drive – WD Re SATA/SAS hard drives are available in capacities up to 4 TB to suit even the most demanding storage needs.

Designed for quality and reliability – With a 1.4 million hour MTBF, this high-performance drive delivers the highest level of reliability for 24x7 operation in up to 100% duty cycle applications.

Capacities from 250 GB – 4 TB
Available Interface: SAS 6 Gb/s, SATA 6 Gb/s

Optimal storage for NAS and scale-out architectures.

WD Se is ideal for bulk cloud storage, replicated environments, content delivery networks (CDNs), SMB network attached storage (NAS), backup and archiving.

Features:

Cost effective enterprise-class storage – Get the right blend of performance, reliability and capacity and keep your total cost of ownership low.

24x7x365 reliability – Choose the storage foundation specifically designed for SMB to high-end NAS and large-scale datacenter replication environments running 24x7x365.

Maximum capacity for environments – Build a massive data footprint with capacities up to 4 TB - 144 TB per square foot.

Capacities from 2 TB - 4 TB
Available interface: SATA 6 Gb/s

Ultimate reliability for video storage.

These drives are designed to last in always-on, streaming digital audio/video environments such as video surveillance systems, PVRs, DVRs and set-top boxes (STBs).

Features:

Exclusive SilkStream™ technology – Optimized for smooth, continuous digital video playback of up to twelve simultaneous HD streams.

24x7 reliability – These drives are designed to last in high-temperature, always-on, digital audio/video environments.

Ultra-cool operation – Consumes less power during operation which means less heat and greater reliability in harsh read/write environments.

Capacities from: 160 GB – 3 TB
Available Interface: SATA 6 Gb/s, SATA 3 Gb/s

Engineered to thrive in 24x7 streaming environments.

WD AV-25 is ideal for video surveillance, DVRs/PVRs, set-top boxes, high-end audio systems, karaoke players and digital signage.

Features:

24x7 reliability – Reliable performance engineered for demanding always-on multimedia streaming environments.

Low-power, compact storage – Cool, quiet 2.5-inch AV storage is the perfect solution for a variety of multimedia applications and fanless environments where the drive operates below 65° C base casting temperature.

Supports high-definition video – SilkStream technology supports up to five simultaneous streams of HD video in a variety of file formats.

Capacities from 160 GB - 1 TB
Available interface: SATA 3 Gb/s

WD Blue
Everyday Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
Desktop	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	7200	WD10EZEX
	3.5-inch	750 GB	64 MB	SATA 6 Gb/s	7200	WD7500AZEX
	3.5-inch	1 TB	32 MB	SATA 6 Gb/s	7200	WD10EALX
	3.5-inch	750 GB	32 MB	SATA 6 Gb/s	7200	WD7500AALX
	3.5-inch	500 GB	32 MB	SATA 6 Gb/s	7200	WD5000AZLX
	3.5-inch	500 GB	16 MB	SATA 6 Gb/s	7200	WD5000AAKX
	3.5-inch	320 GB	16 MB	SATA 6 Gb/s	7200	WD3200AAKX
	3.5-inch	250 GB	16 MB	SATA 6 Gb/s	7200	WD2500AAKX
	3.5-inch	320 GB	8 MB	PATA 100MB/s	7200	WD3200AAJB
	3.5-inch	250 GB	8 MB	PATA 100MB/s	7200	WD2500AAJB
	3.5-inch	160 GB	8 MB	PATA 100MB/s	7200	WD1600AAJB
	3.5-inch	80 GB	8 MB	PATA 100MB/s	7200	WD800AAJB
Mobile	2.5-inch/7 mm	1 TB	16 MB	SATA 6 Gb/s	5400	WD10SPCX
	2.5-inch/7 mm	750 GB	16 MB	SATA 6 Gb/s	5400	WD7500LPCX
	2.5-inch/9.5 mm	1 TB	8 MB	SATA 6 Gb/s	5400	WD10JPVX
	2.5-inch/9.5 mm	750 GB	8 MB	SATA 6 Gb/s	5400	WD7500BPVX
	2.5-inch/7 mm	500 GB	8 MB	SATA 6 Gb/s	5400	WD5000LPVX
	2.5-inch/7 mm	320 GB	8 MB	SATA 6 Gb/s	5400	WD3200LPVX
	2.5-inch/7 mm	250 GB	8 MB	SATA 6 Gb/s	5400	WD2500LPVX
	2.5-inch/5 mm	500 GB	16 MB	SATA 6 Gb/s	5400	WD5000MPCK
	2.5-inch/9.5 mm	1 TB	8 MB	SATA 3 Gb/s	5400	WD10JPVT
	2.5-inch/9.5 mm	750 GB	8 MB	SATA 3 Gb/s	5400	WD7500BPVT
	2.5-inch/9.5 mm	500 GB	8 MB	SATA 3 Gb/s	5400	WD5000BPVT
	2.5-inch/9.5 mm	320 GB	8 MB	SATA 3 Gb/s	5400	WD3200BPVT
	2.5-inch/9.5 mm	250 GB	8 MB	SATA 3 Gb/s	5400	WD2500BPVT
	2.5-inch/7 mm	500 GB	8 MB	SATA 3 Gb/s	5400	WD5000LPVT
	2.5-inch/7 mm	320 GB	8 MB	SATA 3 Gb/s	5400	WD3200LPVT
	2.5-inch/7 mm	250 GB	8 MB	SATA 3 Gb/s	5400	WD2500LPVT
Mobile	2.5-inch	750 GB	16 MB	SATA 3 Gb/s	7200	WD7500BPKT
	2.5-inch	500 GB	16 MB	SATA 3 Gb/s	7200	WD5000BPKT
	2.5-inch	320 GB	16 MB	SATA 3 Gb/s	7200	WD3200BEKT
	2.5-inch	250 GB	16 MB	SATA 3 Gb/s	7200	WD2500BEKT
	2.5-inch	160 GB	16 MB	SATA 3 Gb/s	7200	WD1600BEKT

WD Green
Cool & Quiet Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
Desktop	3.5-inch	4 TB	64 MB	SATA 6 Gb/s	IntelliPower™	WD40EZRX
	3.5-inch	3 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD30EZRX
	3.5-inch	2 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD20EZRX
	3.5-inch	2 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD20EARX
	3.5-inch	1.5 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD15EARX
	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD10EZRX
	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD10EARX
	3.5-inch	500 GB	64 MB	SATA 6 Gb/s	IntelliPower	WD5000AZRX
Mobile	2.5-inch/15 mm	2 TB	8 MB	SATA 6 Gb/s	IntelliPower	WD20NPVX
	2.5-inch/15 mm	1.5 TB	8 MB	SATA 6 Gb/s	IntelliPower	WD15NPVX
	2.5-inch/15 mm	2 TB	8 MB	SATA 3 Gb/s	IntelliPower	WD20NPVT
	2.5-inch/15 mm	1.5 TB	8 MB	SATA 3 Gb/s	IntelliPower	WD15NPVT

WD Black
Performance Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
Desktop	3.5-inch	4 TB	64 MB	SATA 6 Gb/s	7200	WD4003FZEX
	3.5-inch	3 TB	64 MB	SATA 6 Gb/s	7200	WD3003FZEX
	3.5-inch	2 TB	64 MB	SATA 6 Gb/s	7200	WD2003FZEX
	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	7200	WD1003FZEX
	3.5-inch	4 TB	64 MB	SATA 6 Gb/s	7200	WD4001FAEX
	3.5-inch	3 TB	64 MB	SATA 6 Gb/s	7200	WD3001FAEX
	3.5-inch	2 TB	64 MB	SATA 6 Gb/s	7200	WD2002FAEX
	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	7200	WD1002FAEX
	3.5-inch	500 GB	64 MB	SATA 6 Gb/s	7200	WD5003AZEX

WD Red
NAS Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
NAS	3.5-inch	4 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD40EFRX
	3.5-inch	3 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD30EFRX
	3.5-inch	2 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD20EFRX
	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD10EFRX
	2.5-inch	1 TB	16 MB	SATA 6 Gb/s	IntelliPower	WD10JFCX
	2.5-inch	750 GB	16 MB	SATA 6 Gb/s	IntelliPower	WD7500BFCX

WD VelociRaptor
Workstation Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
Workstation	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	10000	WD1000DHTZ
	3.5-inch	500 GB	64 MB	SATA 6 Gb/s	10000	WD5000HHTZ
	3.5-inch	250 GB	64 MB	SATA 6 Gb/s	10000	WD2500HHTZ
	2.5-inch	1 TB	64 MB	SATA 6 Gb/s	10000	WD1000CHTZ
	2.5-inch	500 GB	64 MB	SATA 6 Gb/s	10000	WD5000BHTZ
	2.5-inch	250 GB	64 MB	SATA 6 Gb/s	10000	WD2500BHTZ

WD Re
Datacenter Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
Datacenter	3.5-inch	4 TB	32 MB	SAS 6 Gb/s	7200	WD4001FYYG
	3.5-inch	3 TB	32 MB	SAS 6 Gb/s	7200	WD3001FYYG
	3.5-inch	2 TB	32 MB	SAS 6 Gb/s	7200	WD2001FYYG
	3.5-inch	1 TB	32 MB	SAS 6 Gb/s	7200	WD1001FYYG
	3.5-inch	4 TB	64 MB	SATA 6 Gb/s	7200	WD4000FYYZ
	3.5-inch	3 TB	64 MB	SATA 6 Gb/s	7200	WD3000FYYZ
	3.5-inch	2 TB	64 MB	SATA 6 Gb/s	7200	WD2000FYYZ
	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	7200	WD1003FBYZ
	3.5-inch	500 GB	64 MB	SATA 6 Gb/s	7200	WD5003ABYZ
	3.5-inch	250 GB	64 MB	SATA 6 Gb/s	7200	WD2503ABYZ

WD Se
Datacenter Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
Datacenter	3.5-inch	4 TB	64 MB	SATA 6 Gb/s	7200	WD4000F9YZ
	3.5-inch	3 TB	64 MB	SATA 6 Gb/s	7200	WD3000F9YZ
	3.5-inch	2 TB	64 MB	SATA 6 Gb/s	7200	WD2000F9YZ

WD Xe
Datacenter Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
Datacenter	2.5-inch	900 GB	32 MB	SAS 6 Gb/s	10000	WD9001BKHG
	2.5-inch	600 GB	32 MB	SAS 6 Gb/s	10000	WD6001BKHG
	2.5-inch	450 GB	32 MB	SAS 6 Gb/s	10000	WD4501BKHG
	2.5-inch	300 GB	32 MB	SAS 6 Gb/s	10000	WD3001BKHG
	3.5-inch	900 GB	32 MB	SAS 6 Gb/s	10000	WD9001HKHG
	3.5-inch	600 GB	32 MB	SAS 6 Gb/s	10000	WD6001HKHG
	3.5-inch	450 GB	32 MB	SAS 6 Gb/s	10000	WD4501HKHG
	3.5-inch	300 GB	32 MB	SAS 6 Gb/s	10000	WD3001HKHG

WD AV-GP
Audio/Video Surveillance Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
AV and Surveillance	3.5-inch	3 TB	64 MB	SATA 3 Gb/s	IntelliPower	WD30EURS
	3.5-inch	2.5 TB	64 MB	SATA 3 Gb/s	IntelliPower	WD25EURS
	3.5-inch	2 TB	64 MB	SATA 3 Gb/s	IntelliPower	WD20EURS
	3.5-inch	1.5 TB	64 MB	SATA 3 Gb/s	IntelliPower	WD15EURS
	3.5-inch	1 TB	64 MB	SATA 3 Gb/s	IntelliPower	WD10EURS
	3.5-inch	1 TB	64 MB	SATA 6 Gb/s	IntelliPower	WD10EURX
	3.5-inch	750 GB	64 MB	SATA 3 Gb/s	IntelliPower	WD7500AURS
	3.5-inch	1 TB	32 MB	SATA 3 Gb/s	IntelliPower	WD10EVDS
	3.5-inch	750 GB	32 MB	SATA 3 Gb/s	IntelliPower	WD7500AVDS
	3.5-inch	500 GB	32 MB	SATA 3 Gb/s	IntelliPower	WD5000AVDS
	3.5-inch	1 TB	16 MB	SATA 6 Gb/s	IntelliPower	WD10EUCX
	3.5-inch	320 GB	16 MB	SATA 3 Gb/s	IntelliPower	WD3200AVCS
	3.5-inch	250 GB	16 MB	SATA 3 Gb/s	IntelliPower	WD2500AVCS
	3.5-inch	160 GB	16 MB	SATA 3 Gb/s	IntelliPower	WD1600AVCS

WD AV-25
Audio/Video Surveillance Storage

Ideal for	Form Factor	Capacity	Cache	Interface	RPM	Models
AV and Surveillance	2.5-inch	1 TB	16 MB	SAS 3 Gb/s	5400	WD10JUCT
	2.5-inch	500 GB	16 MB	SAS 6 Gb/s	5400	WD5000LUCT
	2.5-inch	500 GB	16 MB	SAS 6 Gb/s	5400	WD5000BUCT
	2.5-inch	320 GB	16 MB	SAS 6 Gb/s	5400	WD3200BUCT
	2.5-inch	250 GB	16 MB	SAS 6 Gb/s	5400	WD2500BUCT
	2.5-inch	160 GB	16 MB	SAS 6 Gb/s	5400	WD1600BUCT