

Internal Product Overview



Desktop & Mobile Storage



WD Blue™
Everyday Storage

- Trusted engineering
- A modern classic
- Your power of choice
- 2-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	Advanced Format
3.5-inch	1 TB	WD10EZEX	64 MB	SATA 6 Gb/s	7200 RPM	Yes
3.5-inch	750 GB	WD7500AZEX	64 MB	SATA 6 Gb/s	7200 RPM	Yes
3.5-inch	500 GB	WD5000AAKX	16 MB	SATA 6 Gb/s	7200 RPM	No
3.5-inch	320 GB	WD3200AAKX	16 MB	SATA 6 Gb/s	7200 RPM	No
3.5-inch	250 GB	WD2500AAKX	16 MB	SATA 6 Gb/s	7200 RPM	No
2.5-inch/9.5mm	1 TB	WD10JPVX	8 MB	SATA 6 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	750 GB	WD7500BPVX	8 MB	SATA 6 Gb/s	5400 RPM	Yes
2.5-inch/5mm	500 GB	WD5000MPCK	16 MB	SATA 6 Gb/s	5400 RPM	Yes
2.5-inch/7mm ¹	500 GB	WD5000LPVX	8 MB	SATA 6 Gb/s	5400 RPM	Yes
2.5-inch/7mm ¹	320 GB	WD3200LPVX	8 MB	SATA 6 Gb/s	5400 RPM	Yes
2.5-inch/7mm ¹	250 GB	WD2500LPVX	8 MB	SATA 6 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	1 TB	WD10JPVT	8 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	750 GB	WD7500BPVT	8 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	500 GB	WD5000BPVT	8 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	320 GB	WD3200BPVT	8 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/7mm ¹	500 GB	WD5000LPVT	8 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/7mm ¹	320 GB	WD3200LPVT	8 MB	SATA 3 Gb/s	5400 RPM	Yes

¹ Ideal for use in thin notebooks and also compatible with mainstream systems using standard 9.5 mm slots.



WD Green™
Capacity Storage

- Cool and quiet
- Power management with performance
- Reliability with increased lifespan
- 2-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Power Consumption (Read/Write)	Power Consumption (Idle)	Advanced Format
3.5-inch	4 TB	WD40EZR	64 MB	SATA 6 Gb/s	4.5 W	3.3 W	Yes
3.5-inch	3 TB	WD30EZR	64 MB	SATA 6 Gb/s	6 W	5.5 W	Yes
3.5-inch	2 TB	WD20EZR	64 MB	SATA 6 Gb/s	6 W	5.5 W	Yes
3.5-inch	1 TB	WD10EZR	64 MB	SATA 6 Gb/s	3.7 W	2.1 W	Yes
3.5-inch	500 GB	WD5000AZRX	64 MB	SATA 6 Gb/s	3.7 W	2.1 W	Yes
2.5-inch/15mm ²	2 TB	WD20NPVX	8 MB	SATA 6 Gb/s	1.7 W	0.8 W	Yes
2.5-inch/15mm ²	1.5 TB	WD15NPVX	8 MB	SATA 6 Gb/s	1.7 W	0.8 W	Yes

² Designed for PCs and custom external enclosures. Cannot be used in laptop or notebook computers.

Desktop & Mobile Storage continued



WD Black™ Performance Storage

- Inspiring performance and capacity
- Rock-solid mechanical architecture
- Dual processor technology
- 5-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	Advanced Format
3.5-inch	4 TB	WD4003FZEX	64 MB	SATA 6 Gb/s	7200 RPM	Yes
3.5-inch	3 TB	WD3003FZEX	64 MB	SATA 6 Gb/s	7200 RPM	Yes
3.5-inch	2 TB	WD2003FZEX	64 MB	SATA 6 Gb/s	7200 RPM	Yes
3.5-inch	1 TB	WD1003FZEX	64 MB	SATA 6 Gb/s	7200 RPM	Yes
3.5-inch	500 GB	WD5003AZEX	64 MB	SATA 6 Gb/s	7200 RPM	Yes
3.5-inch	4 TB	WD4001FAEX	64 MB	SATA 6 Gb/s	7200 RPM	No
3.5-inch	3 TB	WD3001FAEX	64 MB	SATA 6 Gb/s	7200 RPM	No
2.5-inch/9.5mm	750 GB	WD7500BPKX	16 MB	SATA 6 Gb/s	7200 RPM	Yes
2.5-inch/9.5mm	500 GB	WD5000BPKX	16 MB	SATA 6 Gb/s	7200 RPM	Yes
2.5-inch/9.5mm	320 GB	WD3200BEKX	16 MB	SATA 6 Gb/s	7200 RPM	No
2.5-inch/9.5mm	250 GB	WD2500BEKX	16 MB	SATA 6 Gb/s	7200 RPM	No
2.5-inch/9.5mm	160 GB	WD1600BEKX	16 MB	SATA 6 Gb/s	7200 RPM	No



WD Black²™ Dual Drive Storage

- 120 GB SSD + 1 TB HDD (Dual Drive)
- Professional performance
- Shift_Technology™
- 5-year limited warranty

Form Factor	Storage Type	Capacity	Model Number	Interface
2.5-inch/9.5mm	Dual Drive	120 GB SSD + 1 TB HDD	WD1001X06XDT	SATA 6 Gb/s

NAS Storage



WD Red™ NAS Storage

- Optimal compatibility
- Exclusive NASware™ 2.0 technology
- Free WD Red premium support line
- 3-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	MTBF
3.5-inch	4 TB	WD40EFRX	64 MB	SATA 6 Gb/s	IntelliPower™	1 million hours
3.5-inch	3 TB	WD30EFRX	64 MB	SATA 6 Gb/s	IntelliPower	1 million hours
3.5-inch	2 TB	WD20EFRX	64 MB	SATA 6 Gb/s	IntelliPower	1 million hours
3.5-inch	1 TB	WD10EFRX	64 MB	SATA 6 Gb/s	IntelliPower	1 million hours
2.5-inch	1 TB	WD10JFCX	16 MB	SATA 6 Gb/s	IntelliPower	1 million hours
2.5-inch	750 GB	WD7500BFCX	16 MB	SATA 6 Gb/s	IntelliPower	1 million hours

Workstation Storage

WD VelociRaptor® Workstation Storage

- Ultra fast
- Up to 1 TB capacity
- Rock-solid reliability
- 5-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	MTBF
3.5-inch ³	1 TB	WD1000DHTZ	64 MB	SATA 6 Gb/s	10,000 RPM	1.4 million hours
3.5-inch ³	500 GB	WD5000HHTZ	64 MB	SATA 6 Gb/s	10,000 RPM	1.4 million hours
3.5-inch ³	250 GB	WD2500HHTZ	64 MB	SATA 6 Gb/s	10,000 RPM	1.4 million hours
2.5-inch ⁴	1 TB	WD1000CHTZ	64 MB	SATA 6 Gb/s	10,000 RPM	1.4 million hours
2.5-inch ⁴	500 GB	WD5000BHTZ	64 MB	SATA 6 Gb/s	10,000 RPM	1.4 million hours
2.5-inch ⁴	250 GB	WD2500BHTZ	64 MB	SATA 6 Gb/s	10,000 RPM	1.4 million hours

³ 2.5-inch hard drive in a 3.5-inch WD IcePack™ mounting frame.

⁴ Available on a build to order basis, contact your WD Sales representative for more information.

Surveillance Storage



WD Purple™
Surveillance Storage

- Built for 24x7 surveillance
- AllFrame™ technology

- Supports up to 32 HD cameras
- 3-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	MTBF
3.5-inch	4 TB	WD40PURX	64 MB	SATA 6 Gb/s	IntelliPower	1 million hours
3.5-inch	3 TB	WD30PURX	64 MB	SATA 6 Gb/s	IntelliPower	1 million hours
3.5-inch	2 TB	WD20PURX	64 MB	SATA 6 Gb/s	IntelliPower	1 million hours
3.5-inch	1 TB	WD10PURX	64 MB	SATA 6 Gb/s	IntelliPower	1 million hours

AV Storage

WD AV
AV Storage

- 24x7 reliability
- Cool and quiet

- Supports up to twelve HD streams
- 3-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	Advanced Format
3.5-inch	1 TB	WD10EURX	64 MB	SATA 6 Gb/s	IntelliPower	Yes
3.5-inch	500 GB	WD5000AVDS	32 MB	SATA 3 Gb/s	IntelliPower	No
3.5-inch	500 GB	WD5000AVCS	16 MB	SATA 3 Gb/s	IntelliPower	No
3.5-inch	320 GB	WD3200AVCS	16 MB	SATA 3 Gb/s	IntelliPower	No
3.5-inch	250 GB	WD2500AVCS	16 MB	SATA 3 Gb/s	IntelliPower	No
3.5-inch	160 GB	WD1600AVCS	16 MB	SATA 3 Gb/s	IntelliPower	No

WD AV-25
AV Storage

- 24x7 reliability
- Low power, compact storage

- Supports up to five HD streams
- 3-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	Advanced Format
2.5-inch/9.5mm	1 TB	WD10JUCT	16 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	500 GB	WD5000LUCT	16 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	320 GB	WD3200BUCT	16 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	250 GB	WD2500BUCT	16 MB	SATA 3 Gb/s	5400 RPM	Yes
2.5-inch/9.5mm	160 GB	WD1600BUCT	16 MB	SATA 3 Gb/s	5400 RPM	Yes

Datacenter Storage



WD Xe™
Datacenter Performance

- Ultra-fast SAS storage
- Low power consumption

- Industry-leading reliability
- 5-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	MTBF
2.5-inch	900 GB	WD9001BKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours
2.5-inch	600 GB	WD6001BKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours
2.5-inch	450 GB	WD4501BKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours
2.5-inch	300 GB	WD3001BKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours

3.5-inch ⁵	900 GB	WD9001HKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours
3.5-inch ⁵	600 GB	WD6001HKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours
3.5-inch ⁵	450 GB	WD4501HKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours
3.5-inch ⁵	300 GB	WD3001HKHG	32 MB	SAS 6 Gb/s	10,000 RPM	2 million hours

⁵ 2.5-inch hard drive mounted in a 3.5-inch performance adapter.



WD Re™
Datacenter Durability

- Industry-leading capacity
- High performance

- 24x7 reliability
- 5-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	MTBF
3.5-inch	4 TB	WD4001FYYG	32 MB	SAS 6 Gb/s	7200 RPM	1.4 million hours
3.5-inch	3 TB	WD3001FYYG	32 MB	SAS 6 Gb/s	7200 RPM	1.4 million hours
3.5-inch	2 TB	WD200MFYYG	32 MB	SAS 6 Gb/s	7200 RPM	1.4 million hours
3.5-inch	2 TB	WD2001FYYG	32 MB	SAS 6 Gb/s	7200 RPM	1.4 million hours
3.5-inch	1 TB	WD1001FYYG	32 MB	SAS 6 Gb/s	7200 RPM	1.4 million hours
3.5-inch	4 TB	WD4000FYYZ	64 MB	SATA 6 Gb/s	7200 RPM	1.2 million hours
3.5-inch	3 TB	WD3000FYYZ	64 MB	SATA 6 Gb/s	7200 RPM	1.2 million hours
3.5-inch	2 TB	WD200MFYYZ	64 MB	SATA 6 Gb/s	7200 RPM	1.2 million hours
3.5-inch	2 TB	WD2000FYYZ	64 MB	SATA 6 Gb/s	7200 RPM	1.2 million hours
3.5-inch	2 TB	WD2003FYYS	64 MB	SATA 3 Gb/s	7200 RPM	1.2 million hours
3.5-inch	1 TB	WD1003FBYZ	64 MB	SATA 6 Gb/s	7200 RPM	1.2 million hours
3.5-inch	500 GB	WD5003ABYZ	64 MB	SATA 6 Gb/s	7200 RPM	1.2 million hours
3.5-inch	250 GB	WD2503ABYZ	64 MB	SATA 6 Gb/s	7200 RPM	1.2 million hours



WD Se™
Datacenter Scalability

- Maximum capacity
- Cost-effective

- 24x7x365 reliability
- 5-year limited warranty

Form Factor	Capacity	Model Number	Cache	Interface	Spin Speed	MTBF
3.5-inch	4 TB	WD4000F9YZ	64 MB	SATA 6 Gb/s	7200 RPM	800,000 hours
3.5-inch	3 TB	WD3000F9YZ	64 MB	SATA 6 Gb/s	7200 RPM	800,000 hours
3.5-inch	2 TB	WD2000F9YZ	64 MB	SATA 6 Gb/s	7200 RPM	800,000 hours

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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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