



Internal Product Overview



WD Caviar® Blue™ Hard Drives

Performance and reliability for everyday computing.

- Solid performance
- Ultra-cool and quiet
- Capacities up to 1 TB
- 3-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed
1 TB	WD10EALS	32 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
640 GB	WD6400AAKS	16 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
500 GB	WD5000AAKS	16 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
320 GB	WD3200AAKS	16 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
250 GB	WD2500AAKS	16 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
320 GB	WD3200AAJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
250 GB	WD2500AAJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
160 GB	WD1600AAJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
80 GB	WD800AAJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
500 GB	WD5000AAKB	16 MB	3.5-inch	PATA 100 MB/s	7200 RPM
320 GB	WD3200AAJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM
250 GB	WD2500AAJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM
160 GB	WD1600AAJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM
80 GB	WD800AAJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM

WD Caviar Green™ Hard Drives

Cool, quiet, eco-friendly.

- Reduced power consumption
- Environmentally responsible
- Ultra-cool and quiet
- 3-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Power Consumption (Read/Write)	Power Consumption (Idle)	Advanced Format
2 TB	WD20EARS	64 MB	3.5-inch	SATA 3 Gb/s	6 W	3.7 W	Yes
1.5 TB	WD15EARS	64 MB	3.5-inch	SATA 3 Gb/s	4.73 W	2.75 W	Yes
1 TB	WD10EARS	64 MB	3.5-inch	SATA 3 Gb/s	4.86 W	2.8 W	Yes
800 GB	WD8000AARS	64 MB	3.5-inch	SATA 3 Gb/s	4.86 W	2.8 W	Yes
640 GB	WD6400AARS	64 MB	3.5-inch	SATA 3 Gb/s	4.86 W	2.8 W	Yes
2 TB	WD20EADS	32 MB	3.5-inch	SATA 3 Gb/s	6 W	3.7 W	No
1.5 TB	WD15EADS	32 MB	3.5-inch	SATA 3 Gb/s	4.73 W	2.75 W	No
1 TB	WD10EADS	32 MB	3.5-inch	SATA 3 Gb/s	4.9 W	2.8 W	No
750 GB	WD7500AADS	32 MB	3.5-inch	SATA 3 Gb/s	4.9 W	2.8 W	No
640 GB	WD6400AADS	32 MB	3.5-inch	SATA 3 Gb/s	4.9 W	2.8 W	No
500 GB	WD5000AADS	32 MB	3.5-inch	SATA 3 Gb/s	4.1 W	2.2 W	No

WD Caviar Black™ Hard Drives

Maximum performance for power computing.

- Maximum performance
- Ultra-cool and quiet
- Up to a massive 2 TB capacity
- 5-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed
2 TB	WD2001FASS	64 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
1 TB	WD1002FAEX	64 MB	3.5-inch	SATA 6 Gb/s	7200 RPM
640 GB	WD6402AAEX	64 MB	3.5-inch	SATA 6 Gb/s	7200 RPM
1 TB	WD1001FALS	32 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
750 GB	WD7501AALS	32 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
640 GB	WD6401AALS	32 MB	3.5-inch	SATA 3 Gb/s	7200 RPM
500 GB	WD5001AALS	32 MB	3.5-inch	SATA 3 Gb/s	7200 RPM



Mobile Hard Drives

WD Scorpio® Blue™ Hard Drives

Big capacity for portable computing.

- Massive capacity
- Low power consumption
- Ultra-cool and quiet
- 3-year limited warranty

Capacity	Model Number	Cache	Form Factor / Height	Interface	Spin Speed	Advanced Format
1 TB	WD10TPVT	8 MB	2.5-inch/12.5mm	SATA 3 Gb/s	5200 RPM	Yes
750 GB	WD7500BPVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	Yes
640 GB	WD6400BPVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	Yes
500 GB	WD5000BPVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	Yes
320 GB	WD3200BPVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	Yes
250 GB	WD2500BPVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	Yes
160 GB	WD1600BPVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	Yes
640 GB	WD6400BEVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	No
500 GB	WD5000BEVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	No
320 GB	WD3200BEVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	No
250 GB	WD2500BEVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	No
160 GB	WD1600BEVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	No
120 GB	WD1200BEVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	No
80 GB	WD800BEVT	8 MB	2.5-inch/9.5mm	SATA 3 Gb/s	5400 RPM	No
320 GB	WD3200BEVE	8 MB	2.5-inch/9.5mm	PATA 100 MB/s	5400 RPM	No
250 GB	WD2500BEVE	8 MB	2.5-inch/9.5mm	PATA 100 MB/s	5400 RPM	No
160 GB	WD1600BEVE	8 MB	2.5-inch/9.5mm	PATA 100 MB/s	5400 RPM	No
120 GB	WD1200BEVE	8 MB	2.5-inch/9.5mm	PATA 100 MB/s	5400 RPM	No
80 GB	WD800BEVE	8 MB	2.5-inch/9.5mm	PATA 100 MB/s	5400 RPM	No

WD Scorpio Black™ Hard Drives

Desktop-class performance for notebook PCs.

- Desktop-class performance
- Low power consumption
- Ultra-cool and quiet
- 5-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed	Free Fall Sensor
500 GB	WD5000BEKT	16 MB	2.5-inch	SATA 3 Gb/s	7200 RPM	No
320 GB	WD3200BEKT	16 MB	2.5-inch	SATA 3 Gb/s	7200 RPM	No
250 GB	WD2500BEKT	16 MB	2.5-inch	SATA 3 Gb/s	7200 RPM	No
160 GB	WD1600BEKT	16 MB	2.5-inch	SATA 3 Gb/s	7200 RPM	No
320 GB	WD3200BJKT	16 MB	2.5-inch	SATA 3 Gb/s	7200 RPM	Yes
250 GB	WD2500BJKT	16 MB	2.5-inch	SATA 3 Gb/s	7200 RPM	Yes
160 GB	WD1600BJKT	16 MB	2.5-inch	SATA 3 Gb/s	7200 RPM	Yes



Solid State Drives

WD SiliconEdge™ Blue™ Solid State Drives

Fast and rugged.

- WD quality and reliability
- Advanced speed
- Extremely rugged
- 3-year limited warranty

Capacity	Model Number	Media Type	Form Factor	Interface	Maximum Read Transfer	Maximum Write Transfer
256 GB	SSC-D0256SC-2100	MLC	2.5-inch	SATA 3 Gb/s	Up to 250 MB/s	Up to 170 MB/s
128 GB	SSC-D0128SC-2100	MLC	2.5-inch	SATA 3 Gb/s	Up to 250 MB/s	Up to 170 MB/s
64 GB	SSC-D0064SC-2100	MLC	2.5-inch	SATA 3 Gb/s	Up to 250 MB/s	Up to 170 MB/s





Enterprise Hard Drives

WD VelociRaptor® Hard Drives

Bigger. Faster. Hungrier.

- Fastest SATA hard drive on the planet
- Monstrous capacity
- Rock-solid reliability
- 5-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed	MTBF
600 GB	WD6000HLHX	32 MB	3.5-inch*	SATA 6 Gb/s	10,000 RPM	1.4 million hours
450 GB	WD4500HLHX	32 MB	3.5-inch*	SATA 6 Gb/s	10,000 RPM	1.4 million hours
300 GB	WD3000HLFS	16 MB	3.5-inch*	SATA 3 Gb/s	10,000 RPM	1.4 million hours
150 GB	WD1500HLFS	16 MB	3.5-inch*	SATA 3 Gb/s	10,000 RPM	1.4 million hours
600 GB	WD6000BLHX	32 MB	2.5-inch	SATA 6 Gb/s	10,000 RPM	1.4 million hours
450 GB	WD4500BLHX	32 MB	2.5-inch	SATA 6 Gb/s	10,000 RPM	1.4 million hours
300 GB	WD3000BLFS	16 MB	2.5-inch	SATA 3 Gb/s	10,000 RPM	1.4 million hours
150 GB	WD1500BLFS	16 MB	2.5-inch	SATA 3 Gb/s	10,000 RPM	1.4 million hours

*WDxxxxHLHX and WDxxxxHLFS models have a 2.5-inch hard drive in a 3.5-inch WD IcePack™ mounting frame.

WD RE4 Hard Drives

Fast, reliable, and enterprise-ready.

- Up to a massive 2 TB capacity
- High performance technology
- 24x7 reliability
- 5-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed	MTBF
2 TB	WD2003FYYS	64 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
1.5 TB	WD1503FYYS	64 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
1 TB	WD1003FBYX	64 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
500 GB	WD5003ABYX	64 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
250 GB	WD2503ABYX	64 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours

WD RE3 Hard Drives

Best-in-class performance, unparalleled reliability.

- Up to 1 TB capacity
- High performance
- Enhanced reliability
- 5-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed	MTBF
1 TB	WD1002FBYS	32 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
750 GB	WD7502ABYS	32 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
500 GB	WD5002ABYS	16 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
320 GB	WD3202ABYS	16 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours
250 GB	WD2502ABYS	16 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1.2 million hours

WD RE4-GP Hard Drives

Faster and greener.

- Fast performance
- Reduced power consumption
- Lower cost of ownership
- 5-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Power Consumption (Read/Write)	Power Consumption (Idle)	MTBF
2 TB	WD2002FYPS	64 MB	3.5-inch	SATA 3 Gb/s	6.8 W	3.7 W	1.2 million hours



AV Hard Drives



WD AV-GP Hard Drives

Cool, quiet, reliable AV drives with WD GreenPower Technology™.

- 24x7 reliability
- Cool and quiet
- Supports up to twelve HD streams
- 3-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Advanced Format	Power Consumption (Read/Write)	Power Consumption (Idle)	MTBF
1 TB	WD10EURS	64 MB	3.5-inch	SATA 3 Gb/s	Yes	4.9 W	4.9 W	1 million hours
2 TB	WD20EVDS	32 MB	3.5-inch	SATA 3 Gb/s	No	4.9 W	4.9 W	1 million hours
1.5 TB	WD15EVDS	32 MB	3.5-inch	SATA 3 Gb/s	No	5.9 W	4.9 W	1 million hours
1 TB	WD10EVDS	32 MB	3.5-inch	SATA 3 Gb/s	No	5.9 W	4.2 W	1 million hours
750 GB	WD7500AVDS	32 MB	3.5-inch	SATA 3 Gb/s	No	4.9 W	4.2 W	1 million hours
500 GB	WD5000AVDS	32 MB	3.5-inch	SATA 3 Gb/s	No	4.9 W	4.2 W	1 million hours
1 TB	WD10EVVS	8 MB	3.5-inch	SATA 3 Gb/s	No	4.1 W	3.7 W	1 million hours
500 GB	WD5000AVVS	8 MB	3.5-inch	SATA 3 Gb/s	No	4.1 W	3.7 W	1 million hours
320 GB	WD3200AVVS	8 MB	3.5-inch	SATA 3 Gb/s	No	4.7 W	2.3 W	1 million hours
250 GB	WD2500AVVS	8 MB	3.5-inch	SATA 3 Gb/s	No	4.7 W	2.3 W	1 million hours
160 GB	WD1600AVVS	8 MB	3.5-inch	SATA 3 Gb/s	No	4.7 W	2.3 W	1 million hours

WD AV Hard Drives

Designed for demanding audio and video environments.

- 24x7 reliability
- Available in PATA/SATA
- Supports up to twelve HD streams
- 3-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed	MTBF
500 GB	WD5000AVJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1 million hours
320 GB	WD3200AVJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1 million hours
250 GB	WD2500AVJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1 million hours
160 GB	WD1600AVJS	8 MB	3.5-inch	SATA 3 Gb/s	7200 RPM	1 million hours
500 GB	WD5000AVJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM	1 million hours
320 GB	WD3200AVJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM	1 million hours
250 GB	WD2500AVJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM	1 million hours
160 GB	WD1600AVJB	8 MB	3.5-inch	PATA 100 MB/s	7200 RPM	1 million hours

WD AV-25 Hard Drives

Engineered to thrive in 24x7 streaming environments.

- 24x7 reliability
- Low power, compact storage
- Supports up to five HD streams
- 3-year limited warranty

Capacity	Model Number	Cache	Form Factor	Interface	Spin Speed	Advanced Format	MTBF
500 GB	WD5000BUDT	32 MB	2.5-inch	SATA 3 Gb/s	5400 RPM	Yes	1 million hours
320 GB	WD3200BUDT	32 MB	2.5-inch	SATA 3 Gb/s	5400 RPM	Yes	1 million hours
250 GB	WD2500BUDT	32 MB	2.5-inch	SATA 3 Gb/s	5400 RPM	Yes	1 million hours
160 GB	WD1600BUDT	32 MB	2.5-inch	SATA 3 Gb/s	5400 RPM	Yes	1 million 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.