



Western Digital WD Blue™ 3.5-inch PC hard drives deliver solid reliability for office and web applications, and they are perfect for extra storage for desktop PC computing.

Tested For Compatibility

We perform tests on hundreds of systems and a multitude of platforms in our F.I.T. Lab to give our customers confidence that our drives will work in their systems.

Low Power Consumption

State-of-the-art seeking algorithms and advanced power management features help ensure low power consumption.

NoTouch™ Ramp Load Technology

Safely positions the recording head off the disk surface to protect your data.

Upgrading Your Drive is Easy

Seamlessly migrate your current system to your new Western Digital drive using Acronis® True Image™ WD Edition cloning software, available as a free download on the WD Support site. This software 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.

Highlights

- Reliable everyday computing
- Western Digital quality and reliability
- Free Acronis® True Image™ WD Edition cloning software
- Massive capacity up to 6TB
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INTERFACE	MODEL NUMBERS
SATA 6 Gb/s	WD60EZZ
	WD60EZRZ
FORM FACTOR	WD40EZRZ
3.5-inch	WD30EZRZ
	WD20EZZ
PERFORMANCE CLASS	WD20EZRZ
5400 RPM Class	WD10EZRZ
7200 RPM Class	WD10EZEX
	WD5000AZRZ
CAPACITIES	WD5000AZLX
500GB to 6TB	

THE WESTERN DIGITAL ADVANTAGE

Western Digital puts our products through extensive Functional Integrity Testing (F.I.T.) prior to any product launch. This testing ensures our products consistently meet the highest quality and reliability standards of the Western Digital brand.

Western Digital also has a detailed Knowledge Base with more than 1,000 helpful articles as well as helpful software and utilities. Our customer support lines have longer operational hours to ensure you get the help you need when you need it. Our toll-free customer support lines are here to help or you can access our Western Digital Support site for additional details.

Specifications

	6TB	6TB	4TB	3TB	2TB	2TB	1TB	1TB	500GB	500GB
Model Number ²	WD60EZZAZ	WD60EZZRZ	WD40EZZRZ	WD30EZZRZ	WD20EZZAZ	WD20EZZRZ	WD10EZZRZ	WD10EZZEX	WD5000AZRZ	WD5000AZLX
Formatted capacity ¹	6TB	6TB	4TB	3TB	2TB	2TB	1TB	1TB	500GB	500GB
Form factor	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch
Advanced Format (AF)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RoHS compliant ³	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Performance										
Interface transfer rate (max) ¹										
Buffer to host	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
Host to/from drive (sustained)	180 MB/s	170 MB/s	175 MB/s	147 MB/s	180 MB/s	147 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s
Cache (MB) ¹	256	64	64	64	256	64	64	64	64	32
Performance Class	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	7200 RPM	5400 RPM	7200 RPM
Reliability/Data Integrity										
Load/unload cycles ⁴	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Non-recoverable read errors per bits read	<1 in 10 ¹⁵	<1 in 10 ¹⁵	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴
Power Management⁶										
Average power requirements (W)										
12VDC ±10% (A, peak)	1.75	1.75	1.75	1.73	1.31	1.73	1.2	2.5	2.0	2.0
Read/Write	4.8	5.3	4.5	4.1	4.1	4.1	3.3	6.8	3.3	3.3
Idle	3.1	3.4	2.9	3.0	2.3	3.0	2.5	6.1	2.5	2.5
Standby and Sleep	0.6	0.4	0.4	0.4	0.6	0.4	0.4	1.2	0.4	0.4
Environmental Specifications⁷										
Temperature (°C, on the base casting)										
Operating	0 to 60	0 to 60	0 to 60	0 to 60	0 to 60	0 to 60	0 to 60	0 to 60	0 to 60	0 to 60
Non-operating	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70
Shock (Gs)										
Operating (2 ms, read/write)	30	30	30	30	30	30	30	30	30	30
Operating (2 ms, read)	65	65	65	65	65	65	65	65	65	65
Non-operating (2 ms)	250	250	250	250	350	250	350	350	350	350
Acoustics (dBA) ⁸										
Idle	23	25	23	23	21	23	21	29	29	29
Seek (average)	27	28	27	27	26	27	24	30	30	30
Physical Dimensions										
Height (in./mm, max)	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1
Length (in./mm, max)	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147
Width (in./mm, ± .01 in.)	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6
Weight (lb/kg, ± 10%)	1.65/0.75	1.65/0.75	1.40/0.64	1.40/0.715	0.99/0.45	1.32/0.60	0.99/0.45	0.99/0.45	0.99/0.45	0.99/0.45

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