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.

**Two Year Limited Warranty**
As an industry-leading hard drive manufacturer, Western Digital stands behind their PC storage solutions with a 2-year limited warranty included with every WD Blue hard drive.

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### Highlights
- Reliable everyday computing
- Western Digital quality and reliability
- Free Acronis® True Image™ WD Edition cloning software
- Massive capacity up to 6TB
- Two year limited warranty

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### INTERFACE
- SATA 6 Gb/s

### FORM FACTOR
- 3.5-inch

### PERFORMANCE CLASS
- 5400 RPM Class
- 7200 RPM Class

### CAPACITIES
- 500GB to 6TB

### MODEL NUMBERS
- WD60EZAZ
- WD60EZRZ
- WD40EZRZ
- WD30EZRZ
- WD20EZAZ
- WD20EZRZ
- WD10EZRZ
- WD10EZEX
- WD5000AZRZ
- WD5000AZLX

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### 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.
### Data Sheet 3.5-Inch PC Hard Drives

#### Specifications

<table>
<thead>
<tr>
<th>Model Number²</th>
<th>6TB</th>
<th>6TB</th>
<th>4TB</th>
<th>3TB</th>
<th>2TB</th>
<th>2TB</th>
<th>1TB</th>
<th>1TB</th>
<th>500GB</th>
<th>500GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formatted capacity¹</td>
<td>6TB</td>
<td>6TB</td>
<td>4TB</td>
<td>3TB</td>
<td>2TB</td>
<td>2TB</td>
<td>1TB</td>
<td>1TB</td>
<td>500GB</td>
<td>500GB</td>
</tr>
<tr>
<td>Form factor</td>
<td>3.5-inch</td>
<td>3.5-inch</td>
<td>3.5-inch</td>
<td>3.5-inch</td>
<td>3.5-inch</td>
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<td>3.5-inch</td>
<td>3.5-inch</td>
<td>3.5-inch</td>
<td>3.5-inch</td>
</tr>
<tr>
<td>Advanced Format (AF)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>RoHS compliant³</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Performance

- **Interface transfer rate (max)²**: 6 Gb/s
- **Host to/from drive (sustained)**: 180 MB/s
- **Cache (MB)¹**: 256, 64, 64, 64, 256, 64, 64, 64, 32
- **Performance Class**: 5400 RPM
- **Height (in./mm, max)**: 1.028/26.1
- **Width (in./mm, ± .01 in.)**: 4/101.6
- **Length (in./mm, max)**: 5.787/147

#### Reliability/Data Integrity

- **Non-recoverable read errors per bits read**: <1 in 10¹⁰
- **Limited warranty years (years)**: 2, 2, 2, 2, 2, 2, 2, 2, 2
- **Power Management⁶**: 12VDC ±10% (A, peak)
- **Operating**: 0.6
- **Idle**: 3.1
- **Standby and Sleep**: 0.6
- **Average power requirements (W)**: 300,000
- **Load/unload cycles⁴**: 300,000
- **Non-operating (2 ms)**: 65
- **Operating (2 ms, read)**: 65
- **Operating (2 ms, read/write)**: 65
- **Non-operating (2 ms)**: 65
- **Non-operating (2 ms, read/write)**: 65
- **Operating**: 65
- **Non-operating**: 65
- **Idle**: 23
- **Seek (average)**: 27
- **Seek (sequential)**: 27
- **Average power requirements (W)**: 300,000
- **Load/unload cycles⁴**: 300,000
- **Non-operating (2 ms)**: 65
- **Operating (2 ms, read)**: 65
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- **Seek (sequential)**: 27

#### Environmental Specifications²

- **Temperature (°C, on the base casting)**
  - Operating: 0 to 60
  - Non-operating: -40 to 70
- **Shock (Gs)**
  - Operating: 250
  - Non-operating: 250
- **Acoustics (dBA)⁸**: 4.8
- **Seek (average)**: 27
- **Weight (lb./kg, ± 10%)**: 1.40/0.64

#### Physical Dimensions

- **Height (in./mm, max)**: 1.028/26.1
- **Length (in./mm, max)**: 5.787/147
- **Width (in./mm, ± .01 in.)**: 4/101.6
- **Weight (lb./kg, ± 10%)**: 1.40/0.64

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¹ As used for storage capacity, one gigabyte (GB) = one billion bytes and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for buffer or cache, one megabyte (MB) = 1,048,576 bytes. 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. Effective maximum SATA 6 Gb/s transfer rate calculated according to the Serial ATA specification published by the SATA-IO organization as of the date of this specification sheet. Visit www.sata-io.org for details.

² Not all products may be available in all regions of the world.

³ WD hard drive products manufactured and sold worldwide after June 8, 2011, meet or exceed Restriction of Hazardous Substances (RoHS) compliance requirements as mandated by the RoHS Directive 2011/65/EU.

⁴ Controlled unload at ambient condition.

⁵ See http://support.wd.com/warranty for regional specific warranty details.

⁶ No non-recoverable errors during operating tests.

⁷ Power measurements at room-ambient temperature.

⁸ Sound power level.