The Western Digital WD Blue™ SATA SSD utilizes Western Digital 3D NAND technology for capacities up to 4TB in the 2.5” 7mm form factor, or 2TB in the M.2 2280 form factor with enhanced reliability. With sequential read speeds up to 560MB/s and sequential write speeds up to 530MB/s you get the speed you want for your most demanding computing applications. Combined with the free, downloadable WD SSD Dashboard software and a 5-year limited warranty, you can confidently upgrade your system to the WD Blue SATA SSD.

Superior performance for high-end computing
For a variety of computing applications like gaming, HD media playback, or creative software, look to WD Blue SATA SSDs. Western Digital 3D NAND technology helps enable sequential read speeds up to 560MB/s and sequential write speeds up to 530MB/s for fast system boot-ups, quick application responses, and rapid transfer speeds.

Leading-edge reliability
An SSD is designed with no moving parts to help protect against data loss if it is accidentally bumped or dropped. And with 1.75M hours MTTF (mean time to failure), up to 600 TBW (terabytes written), and several error correction technologies, WD Blue SATA SSDs can help guard data for years to come.

Broad compatibility
With a certification from the Western Digital Functional Integrity Testing Lab (F.I.T. Lab™), every WD Blue SATA SSD is verified for compatibility with a wide range of computers. Every WD Blue SATA SSD goes through extensive compatibility and reliability testing to ensure it meets the high standards of the WD brand.

Downloadable Western Digital SSD Dashboard and Acronis software
Monitor your drive’s available capacity, operating temperatures, SMART attributes and more with the Western Digital SSD Dashboard. Acronis® True Image™ WD Edition software, available as a free download, can clone drives and backup your operating system, applications, settings and all of your data.

5-year limited warranty
Every WD Blue SATA SSD comes with a 5-year limited warranty, so you can be confident of your storage when you upgrade or replace any of your drives.

Product Highlights
• 3D NAND SATA SSD for capacities up to 4TB¹ with enhanced reliability.
• Sequential read speeds up to 560MB/s and sequential write speeds up to 530MB/s.²
• An industry-leading 1.75M hours mean time to failure (MTTF)³ and up to 600 terabytes written (TBW)⁴ for enhanced reliability.
• WD F.I.T. Lab™ certification for compatibility with a wide range of computers.
• Free downloadable software to monitor the status of your drive and clone a drive, or backup your data.
• Includes a 5-year limited warranty so upgrading your storage is worry-free.⁵

INTERFACE
SATA 6 Gb/s

CAPACITIES
250GB to 4TB

FORM FACTOR
2.5”/7mm cased (up to 4TB)
M.2 2280 (up to 2TB)

MODEL NUMBERS
2.5”/7mm cased
WDS400T2B0A, WDS200T2B0A, WDS100T2B0A, WDS500G2B0A WDS250G2B0A
M.2 2280
WDS200T2B0B, WDS100T2B0B, WDS500G2B0B WDS250G2B0B

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.

¹ As used for storage capacity, one terabyte (TB) = one trillion bytes.
² 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.
³ MTTF = Mean Time To Failure based on internal testing using Telcordia stress part testing.
⁴ TBW (terabytes written) values calculated using JEDEC client workload (JESD219) and vary by product capacity.
⁵ See http://support.westerndigital.com for regional specific warranty details.
## Specifications

### Model Number
- 4TB: WD Blue SSD 2.5’’/7mm cased WDS400T2B0A, WD Blue SSD M.2 2280 WDS200T2B0B
- 2TB: WD Blue SSD 2.5’’/7mm cased WDS200T2B0A, WD Blue SSD M.2 2280 WDS100T2B0B
- 1TB: WD Blue SSD 2.5’’/7mm cased WDS100T2B0A, WD Blue SSD M.2 2280 WDS500G2B0A
- 500GB: WD Blue SSD 2.5’’/7mm cased WDS500G2B0A, WD Blue SSD M.2 2280 WDS250G2B0A
- 250GB: WD Blue SSD 2.5’’/7mm cased WDS250G2B0A, WD Blue SSD M.2 2280 WDS250G2B0B

### Interface
- SATA III 6 Gb/s

### Performance
- **4KB QD32**
  - Sequential Read up to (MB/s): 560
  - Sequential Write up to (MB/s): 530
  - Random Read up to (IOPS): 95K
  - Random Write up to (IOPS): 82K

### Endurance (TBW)
- 560 Gb, 500 Gb, 400 Gb, 200 Gb, 100 Gb

### Power
- Avg. Active Power (mW): 60
- Max Read Operating (mW): 3,000
- Max Write Operating (mW): 3,800
- Slumber (mW): 56
- DEVSLP (mW): 5-12

### Reliability
- **MTTF**: Up to 1.75M hours
  - Up to 5 years

### Environmental
- Operating Temperatures: 0°C to 70°C
- Non-operating Temperatures: -55°C to 85°C
- Operating Vibration: 5.0 gRMS, 10-2000 Hz
- Non-operating Vibration: 4.9 gRMS, 7-800 Hz
- Shock: 1,500 G @ 0.5 msec half sine

### Certifications
- FCC, UL, TUV, KC, BSMI, VCCI, Morocco

### Physical Dimensions
- Size: 2.5’’/7mm cased 100.2mm x 69.85mm x 7.00mm
- Size: M.2 2280 80.0mm x 22.0mm x 2.38mm
- Weight: 2.5’’/7mm cased 57.9g
- Weight: M.2 2280 71.9g

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### Western Digital

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www.westerndigital.com

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