



Seagate Desktop HDD 300GB 3.5" SATA 3.5" Serial ATA

Brand : Seagate

Product family: Desktop HDD

Product code: ST3300831SCE

Product name : 300GB 3.5"
SATA

Barracuda 7200.8, 300GB 3.5" SATA

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Seagate Barracuda 7200.8 drives provide high-performance, highly-reliable storage for PCs and advanced applications, backed up by an industry-leading five-year warranty. Their best-in-class combination of capacity, performance, and support ideally suit them for such applications as high-performance PCs, media PCs, ATA-based servers and RAIDs, and cost-effective network attached storage (NAS).

- 7,200 RPM SoftSonic motor

Whisper-quiet acoustics and high reliability in a high-performance environment.

- RoHS-compliant

Significantly reduced levels of lead complies with all environmental legislation.

- Enhanced G-Force Protection

High nonoperating shock specification ensures top reliability and durability during shipment and integration.

Distinctions

- Best combination of performance, acoustics, and robustness in multiple high capacities

- Whisper-quiet acoustics

- Proven, reliable design



| Features | | Power | |
|-------------------------------------|------------|-----------------------------------|------------------|
| HDD size * | 3.5" | Start-up current | 2 A |
| HDD capacity * | 300 GB | Operational conditions | |
| HDD speed * | 7200 RPM | Operating temperature (T-T) | 0 - 60 °C |
| Interface * | Serial ATA | Storage temperature (T-T) | -40 - 70 °C |
| Type * | HDD | Operating relative humidity (H-H) | 5 - 90% |
| Storage drive buffer size | 8 MB | Storage relative humidity (H-H) | 5 - 95% |
| HDD number of heads | 16 | Operating altitude | -60.96 - 3048 m |
| HDD number of cylinders | 16383 | Non-operating altitude | -60.96 - 12192 m |
| Average latency | 4.16 ms | Operating shock | 63 G |
| Bytes per sector | 512 | Non-operating shock | 300 G |
| Start/stop cycles | 50000 | Weight & dimensions | |
| Windows operating systems supported | ✓ | Width | 101.8 mm |
| Linux operating systems supported | ✓ | Height | 26.1 mm |
| Power | | Depth | 147 mm |
| Power consumption (standby) | 0.8 W | Weight | 635 g |
| Power consumption (idle) | 6.9 W | Other features | |
| Operating voltage | 5 / 12 V | Acoustic pressure emissions | 3.7 dB |

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Publication date: 08-JAN-2024. Prints or copies of Information are only valid on the printed Publication date