

Seagate Desktop HDD 80GB HDD 3.5" Ultra-ATA/100

Brand : Seagate

Product family: Desktop HDD

Product code: ST380021A

Product name : 80GB HDD

80GB HDD, DMA/ATA-100 (Ultra), 7200Rpm

[Seagate Desktop HDD 80GB HDD 3.5" Ultra-ATA/100:](#)

Seagate's Barracuda ATA IV disc drives deliver 7,200-RPM performance for desktops and entry-level ATA servers, with capacities up to 80 Gbytes. The products feature all FDB motors for the quietest acoustics in the industry, superior reliability and the Ultra ATA/100 interface. These drives include Seagate's exclusive 3D Defense System and a one-year limited warranty.

Seagate Desktop HDD 80GB HDD. HDD size: 3.5", HDD capacity: 80 GB, HDD speed: 7200 RPM



| Features | | Power | |
|-----------------------------------|---------------|-----------------------------------|-------------------|
| HDD size * | 3.5" | Operating voltage | 5 / 12 V |
| HDD capacity * | 80 GB | Start-up current | 2.8 A |
| HDD speed * | 7200 RPM | Operational conditions | |
| Interface * | Ultra-ATA/100 | Operating temperature (T-T) | 0 - 60 °C |
| Type * | HDD | Storage temperature (T-T) | -40 - 70 °C |
| Storage drive buffer size | 2 MB | Operating relative humidity (H-H) | 5 - 90% |
| HDD number of heads | 4 | Storage relative humidity (H-H) | 5 - 95% |
| Read seek time | 9.5 ms | Operating vibration | 0.5 G |
| Write seek time | 10.5 ms | Non-operating vibration | 5 G |
| Track to track seek time | 1.2 ms | Operating altitude | -198.12 - 3048 m |
| Average seek time | 9.5 ms | Non-operating altitude | -198.12 - 12192 m |
| Average latency | 4.16 ms | Operating shock | 63 G |
| Bytes per sector | 512 | Non-operating shock | 350 G |
| Start/stop cycles | 50000 | Weight & dimensions | |
| Mean time between failures (MTBF) | 600000 h | Width | 101.8 mm |
| Power | | Height | 26.1 mm |
| Power consumption (typical) | 13 W | Depth | 147 mm |
| Power consumption (standby) | 1.3 W | Weight | 635 g |
| Power consumption (read) | 12.5 W | Other features | |
| Power consumption (write) | 12.5 W | Drive ready time | 10 s |
| Power consumption (idle) | 9.8 W | | |

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