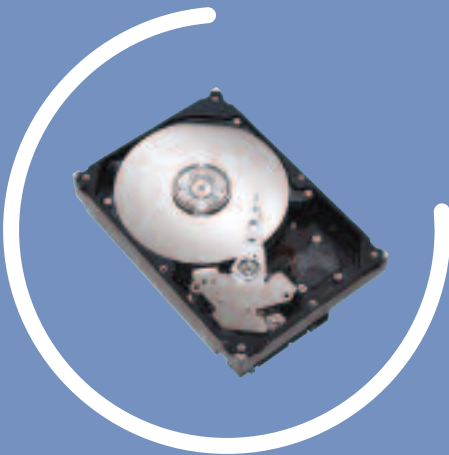


PRODUCT OVERVIEW

Barracuda 7200.9

High-capacity, high-performance, reliable drives

The leading combination of capacity, performance and reliability for all your integration needs



KEY FEATURES AND BENEFITS

- Highest available capacity: 40GB up to one-half terabyte (500GB), enabling OEMs and system builders to qualify one family of drives from a trusted supplier
- SATA 3Gb/s offers blazing fast interface speed for fast data transfers
- Additional SATA features, such as hot plug, staggered spin-up, drive LED capable, backward compatible with SATA 1.5Gb/s hosts, and compatible with new SATA ClickConnect connectors
- Ultra ATA/100 provides coverage of all applications
- A proven design for shorter qualification times and top reliability
- Enhanced G-Force Protection defends against handling damage
- Whisper-quiet acoustics for a nearly silent drive
- Unprecedented five-year warranty

KEY SPECIFICATIONS

- Complete family of capacities from 40GB up to 500GB
- 7200-RPM spin speed
- Cache memory available in 2-, 8-, and 16-Mbyte options (depending on capacity)
- SATA 3Gb/s interface with NCQ and many more SATA features
- Also available in ATA/100 interface options
- Best-in-class drive acoustics and environmental specifications

THE SEAGATE ADVANTAGE

High-capacity Barracuda® 7200 disc drives, from the world's premier provider of high-capacity storage, provide our customers years of reliable service and high performance. Using advanced manufacturing techniques and extensive design experience, Seagate® engineers have built the world's only ninth-generation 7200-RPM desktop disc drive. In addition, Seagate SATA 3Gb/s Barracuda disc drives enable bigger profit margins for system builders with enhanced reliability, higher performance and innovative features.



Barracuda 7200.9

High-capacity, high-performance, reliable drives

PRODUCT DESCRIPTION

Barracuda 7200.9 is the latest in the Seagate 3.5-inch family of high-capacity desktop drives targeted at mainstream and high-performance PCs and advanced storage applications. The product enables OEMs and system builders to qualify one family of drives from a premier provider for a wide range of storage applications.

SPECIFICATIONS

Capacity (GB)	40, 80, 120, 160, 200, 250, 300, 400, 500
Interface	Ultra ATA/100 or SATA/300 (SATA 3Gb/s) with NCQ
Cache (Mbytes)	2, 8, 16
Spindle Speed (RPM)	7200
Shock, Operating (Gs)	63
Shock, Nonoperating (Gs)	350
Acoustics, Idle (bels)	2.8

APPLICATIONS

Your application needs determine the capacity, performance and interface requirements of your disc drive. The Barracuda 7200.9 offers multiple configurations to ensure optimal application performance for a wide range of uses.

Desktop and High-Performance PCs

- Gamer PCs
- Workstations
- High-end PCs
- Desktop RAID
- Mainstream PCs
- Entry-level PCs

Low-Cost Servers and External Storage

- Entry-level servers
- USB/FireWire/eSATA external storage

ADDITIONAL FEATURES

- Native SATA interface at 3Gb/s transfer rates also supports Native Command Queuing (NCQ) to get the most performance from PC technology, such as Intel Hyper-Threading.
- Seagate SoftSonic motor enables whisper-quiet operation.
- Enhanced G-Force Protection defends against handling damage.
- Advanced manufacturing and latest technology for the most reliable storage solutions ever
- The industry's most comprehensive compatibility and benchmark testing
- Unprecedented five-year warranty

MARKET OPPORTUNITY

High-capacity demand will continue to increase as storage needs proliferate, with increased demand coming from:

- Consumer and gamer PCs
- High-end PCs and media workstations
- Low-cost servers
- External (USB/FireWire/eSATA) storage

For more information, go to www.seagate.com

Storage Segments

Network Storage

Server Storage

High-Density Storage

Nearline Storage

Low-Cost Server

PC Commercial

PC Consumer

External Storage

Notebook

Automotive

DVR

Gaming/Audio/Other

Government

Handheld

