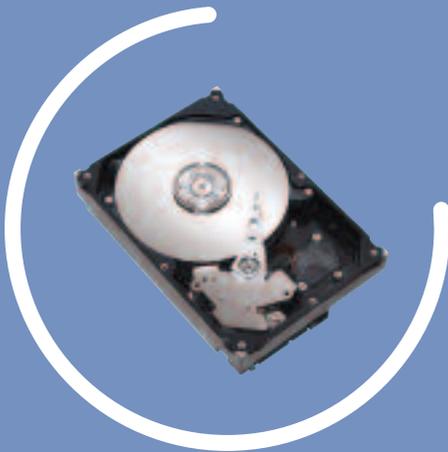


## PRODUCT OVERVIEW

# 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](http://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

