

Seagate Barracuda 7200.10 250GB Hard Drive

With up to 250GB of pure digital storage in a single drive, the Barracuda 7200.10 provides safe, reliable storage for large amounts of digital data. New perpendicular recording technology supports vertically stored data bits, enabling increased areal density and dependability for workstations and performance PCs.

Perpendicular Recording

After more than ten years of research, perpendicular recording is now a proven technology. It increases capacity and dependability by storing data vertically, rather than horizontally. And vertically stored data bits mean increased data density—and more gigabytes per platter.

The Seagate Advantage

High-capacity Barracuda 7200 disc drives, from the world's premier storage provider deliver years of reliable service and high performance. Using advanced manufacturing techniques and extensive design experience, Seagate® engineers have built the world's tenth-generation 7200-RPM desktop disc drive to provide the industry's leading combination of capacity, performance and reliability.

This Drive Holds

- 106 two-hour DVD-quality movies or
- 375 hours of VHS-quality video or
- 221 days of around-the-clock MP3 audio or
- 93,750 vivid digital photos or
- 533 action-packed games!

Specifications

• Drive Type:	Internal
• Capacity (GB):	250
• Interface:	Serial ATA-300
• Interface Type:	SATA
• Spindle Speed (RPM):	7200
• Buffer Memory:	16MB
• Average Seek (msec):	12.6
• Average Latency (msec):	4.16
• Maximum External Transfer Rate (Mbits/sec):	300
• Form Factor:	3.5"
• Logical Cylinders/Heads/Sectors per Track:	16,383/16/63
• Bytes Per Sector:	512
• Nonrecoverable Read Errors per Bits Read:	1 in 10E14

• Temperature, Operating (°C):	0 to 60
• Temperature, Nonoperating (°C):	-40 to 70
• Shock, Operating: 2 msec (Gs):	68
• Shock, Nonoperating: 2 msec (Gs):	300
• Acoustics Idle (bels—sound power):	2.7
• Acoustics Seek (bels—sound power):	3.0
• Type:	OEM
• Dimensions:	1.028 in. Max. (H) x 5.787 in. Max. (L) x 4.00 in (W)