Barracuda 7200.10
Experience the industry’s proven flagship perpendicular 3.5-inch hard drive

80 GB to 750 GB • SATA 1.5Gb/s or 3Gb/s and PATA 100

Key Advantages

• First 3.5-inch drive to utilize capacity- and reliability-boosting perpendicular recording technology.
• First drive to reach 750 GB—a full year ahead of competition—enabling new solutions for data-intensive applications.
• Industry’s most proven and established desktop hard drive available today—more than 16 million shipped to date*.
• “One-stop shopping” with a broad range of capacity, cache and interface options for all your computing needs.
• Best-in-class environmental specifications and reliability features.
• Adaptive Fly Height offers consistent read/write performance from the beginning to the end of your computing workload.
• Clean Sweep automatically calibrates your drive.
• Directed Offline Scan runs diagnostics when storage access is not needed.
• RoHS-compliant design assures an environmentally conscious product.
• Enhanced G-Force Protection™ defends against handling damage.
• Seagate® SoftSonic™ motor enables whisper-quiet operation.
• Backed by a 5-year limited warranty.

Best-Fit Applications

Desktop and High-Performance PCs
• Gamer PCs
• Workstations
• High-end PCs
• Desktop RAID
• Mainstream PCs
• Point-of-sale devices/ATMs
• USB/FireWire/eSATA personal external storage

*16 million Barracuda 7200.10 drives shipped as of 4/18/07.
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Specifications

<table>
<thead>
<tr>
<th>750 GB</th>
<th>500 GB</th>
<th>400 GB</th>
<th>320 GB</th>
<th>250 GB</th>
<th>160 GB</th>
<th>80 GB</th>
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</thead>
<tbody>
<tr>
<td>Model Number</td>
<td>ST3750640A</td>
<td>ST3500630A</td>
<td>ST3400620A</td>
<td>ST3220620A</td>
<td>ST3250620A</td>
<td>ST3250410AS</td>
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<tr>
<td>Interface Options</td>
<td>Ultra ATA/100 SATA 3Gb/s NCQ</td>
<td>Ultra ATA/100 SATA 3Gb/s NCQ</td>
<td>Ultra ATA/100 SATA 3Gb/s NCQ</td>
<td>Ultra ATA/100 SATA 3Gb/s NCQ</td>
<td>Ultra ATA/100 SATA 3Gb/s NCQ</td>
<td>Ultra ATA/100 SATA 3Gb/s NCQ</td>
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<tr>
<td>Performance</td>
<td>Transfer Rate, Max Ext (Mb/s)</td>
<td>100/300</td>
<td>100/300</td>
<td>100/300</td>
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<tr>
<td>Average Latency (microsec)</td>
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<td>4.16</td>
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<tr>
<td>Spindle Speed (RPM)</td>
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<td>7200</td>
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<td>Configuration/Organization</td>
<td>Heads/Tracks</td>
<td>8/4</td>
<td>6/3</td>
<td>5/3</td>
<td>4/2</td>
<td>3/2</td>
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<tr>
<td>Reliability/Data integrity</td>
<td>Cache (MB)</td>
<td>512</td>
<td>512</td>
<td>512</td>
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<tr>
<td>Power Management</td>
<td>Power Management (watts)</td>
<td>+12 VDC +/–10% (amps peak)</td>
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<td>Environmental</td>
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<td>Acoustics, Idle (bels—sound power)</td>
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<td>9.3</td>
<td>9.3</td>
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<td>Physical</td>
<td>Height (in/mm)</td>
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<td>Weight (lb/kg)</td>
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<td>1.28/580</td>
<td>0.805/365</td>
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</tbody>
</table>

1 Gigabyte, or GB, equals one billion bytes when referring to hard drive capacity. Accessible capacity may vary depending on operating environment and formatting.

1 Gigabyte, or GB, equals one billion bytes.

1 Leading area density enables fewer heads/disk.

* Measured in Performance Mode

* Measured in Quiet Mode

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1-800-SEAGATE (1-800-732-4283)