

Product Overview

Barracuda® XT

No compromise. Speed and capacity for high-performance desktop systems

Key Features and Benefits

- Massive 3TB and 2TB capacity options provide plenty of room for downloading today's storage-craving PC games or storing many hours of high-definition video content.
- The first comprehensive, non-hardware solution to accessing 3TB of capacity by using Seagate® DiscWizard™ software¹
- The 7200-RPM performance platform complements high capacity, delivering a powerful combination of extreme storage and top-end desktop performance.
- A 64MB cache optimizes burst performance and reduces data throughput bottlenecks.
- The SATA 6Gb/s interface enables the use of the industry's newest and fastest hard drive controllers while providing backward compatibility to legacy SATA 1.5Gb/s or 3Gb/s systems.

Key Applications

- High-performance PC gaming systems
- High-definition video editing and production systems
- Home servers and workstations
- Desktop RAID
- FireWire 800- or eSATA-enabled external storage devices



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To Learn More:

Perpendicular Recording

The Barracuda XT drive uses fourth-generation Seagate perpendicular magnetic recording technology to increase capacity and dependability by storing data bits vertically rather than horizontally.

Screaming Fast—With Room to Grow!

The new Barracuda® XT hard drive from Seagate offers customers a compelling new storage choice for high-capacity, high-performance computing solutions. Unlike other 3TB solutions, which require additional hardware to access full capacity, the Barracuda XT drive can use DiscWizard software to easily configure your computer system to access the entire 3TB capacity—even on legacy Windows XP-based systems. Further turbocharged with a huge 64MB cache and the industry's new, high-performance SATA 6Gb/s interface, the drive continues to set the standard for high-performance, high-capacity desktop storage.

High-definition content is driving the need for space and speed. Whether on the Internet, in a theater or erupting from a high-powered PC gaming rig, content is getting richer and proliferating around the world. The professionals who develop and produce this content and the consumers who enjoy it find themselves in need of more powerful computing systems to process and store this data. No longer do power users need to compromise when it comes to choosing capacity or speed; the Barracuda XT drive has it all!

Discerning high-performance PC users, multi-media development professionals and power users in general will appreciate the capacity, performance and flexibility.

Specifications	
Capacity	3TB and 2TB
Interface	SATA 6Gb/s NCQ, SATA 3Gb/s NCQ, SATA 1.5Gb/s NCQ
Max. Sustained Data Rate (MB/s)	149 (3TB), 138 (2TB)
Cache (MB)	64
Spindle Speed (RPM)	7200
Acoustics, Idle (bels)	2.7
Acoustics, Seek (bels)	2.9

Think Green Sustainability

At Seagate, we recognize the importance of building products with a philosophy of sustainability in mind. Business sustainability to deliver leading-edge products that meet customer's performance, reliability and time-to-market needs helps keep them competitive. In addition, we strive to achieve these goals using environmentally sustainable processes.

The Barracuda XT product does not compromise here either, but delivers leading capacity and performance in accordance with our Think Green programs for RoHS compliance and is an industry leader in advanced recycling programs:

- 70% or more of the materials used in the manufacture of Barracuda XT drives are recyclable.
- Up to 50% of the materials used in the manufacture of Barracuda XT drives come from recycled sources.

Compatibility

Barracuda XT hard drives feature the industry's newest high-speed SATA interface—SATA 6Gb/s. This provides customers the opportunity to maximize performance as the industry develops controllers, applications and associated architectures to fully exploit this increased interface speed. In addition, Barracuda XT drives are also compatible with legacy SATA 1.5Gb/s and SATA 3Gb/s interfaces, helping to give customers a future-proof hard drive with backward compatibility.

seagate.com

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

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Seagate Technology LLC 920 Disc Drive, Scotts Valley, California 95066, United States, 831-438-6550
Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, 65-6485-3888
Seagate Technology SAS 16-18 rue du Dôme, 92100 Boulogne-Billancourt, France, 33 1-4186 10 00

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