

Product Overview

Barracuda® XT

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

Key Features and Benefits

- A massive 2-TB drive capacity provides plenty of room for downloading today's space-hungry PC games or up to 45 hours' of 1080i, HD-DVCPRO-encoded, high-definition video
- The 7,200-RPM performance platform complements high capacity, delivering a powerful combination of extreme storage and top-end desktop performance
- A 64-MB cache optimises burst performance and reduces data throughput bottlenecks
- The SATA 6-Gb/s interface enables the use of the industry's newest and fastest hard drive controllers while providing backward compatibility to legacy SATA 1.5-Gb/s or 3-Gb/s systems
- Configurable with Seagate® SeaTools™ software — users can optimise the drive configuration and tune for capacity or performance for the ultimate in customer choice and control

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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Screaming Fast — With Plenty of 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 available 2-TB solutions that run at 5,400- or 5,900-RPM speeds, the new Barracuda XT drive is built on a full-speed, 7,200-RPM, four-disc platform. Further turbocharged with a huge 64-MB cache and the industry's new, high-performance SATA 6-Gb/s interface, the Barracuda XT drive is destined to set a new standard for high-speed desktop performance.

High-definition content is driving the need for space and speed. Whether on the Internet, in a cinema 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, multimedia development professionals and power users in general will appreciate the capacity, performance and flexibility offered by the Barracuda XT drive.

Specifications	
Capacity	2 TB
Interface	SATA 6 Gb/s NCQ, SATA 3 Gb/s NCQ, SATA 1.5 Gb/s NCQ
Sustained Data Rate (MB/s)	Up to 138
Cache (MB)	64
Spindle Speed (RPM)	7,200
Acoustics, Idle (bels)	2.8
Acoustics, Seek (bels)	3.2

Think Green™ Sustainability

At Seagate, we recognise the importance of building products with a philosophy of sustainability in mind. Customers can stay competitive with business sustainability to deliver leading-edge products that meet their performance, reliability and time-to-market needs. 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 programmes for RoHS compliance and is an industry leader in advanced recycling programmes:

- 70 per cent or more of the materials used in the manufacture of Barracuda XT drives are recyclable
- Up to 50 per cent 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 6 Gb/s. This provides customers the opportunity to maximise performance as the industry develops controllers, applications and associated architectures to fully exploit this increased interface speed. In addition, Barracuda XT drives are also fully compatible with legacy SATA 1.5-Gb/s and SATA 3-Gb/s interfaces, giving customers a future-proof hard drive with full backward compatibility.

www.seagate.com

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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.

AMERICAS
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