

## Seagate Powers Next Generation of Computing with three new hard drives, including World's First 1.5-Terabyte Desktop Pc And

*Seagate (NYSE:STX) has unveiled the industry's first 1.5-terabyte desktop and half-terabyte notebook hard drives to meet explosive worldwide demand for digital-content storage in home and business environments.*

New Delhi, Delhi, IND, 2008-07-14 17:08:05 (IndiaPRwire.com)

Seagate (NYSE:STX) has unveiled the industry's first 1.5-terabyte desktop and half-terabyte notebook hard drives to meet explosive worldwide demand for digital-content storage in home and business environments.

The debut of the Barracuda® 7200.11 1.5TB hard drive, the eleventh generation of Seagate's flagship drive for desktop PCs, marks the single largest capacity hard drive jump in the more than half-century history of hard drives - a half-terabyte increase from the previous highest capacity of 1TB, thanks to the capacity-boosting power of perpendicular magnetic recording (PMR) technology.

The Barracuda 7200.11 hard drive combines proven PMR technology, components and expert manufacturing to provide 1.5TB of reliable storage for mainstream desktop computers, workstations, desktop RAID, gaming and high-end PCs, and USB/FireWire/eSATA external storage.

Seagate's new 2.5-inch half-terabyte 5400- and 7200-rpm drives - Momentus® 5400.6 and Momentus 7200.4 - deliver the best combination of capacity, mobility and durability for mainstream and high-performance notebook computers, external storage solutions, PCs and industrial applications requiring small form factor.

Highlighting the global growth of digital content, Seagate expects to ship its two billionth hard drive within the next five years. Earlier this year Seagate shipped its one billionth hard drive since the company's inception nearly 30 years ago.

'Organizations and consumers of all kinds worldwide continue to create, share and consume digital content at levels never before seen, giving rise to new markets, new applications and demand for desktop

notebook computers with unprecedented storage capacity, performance and reliability,' said Michael Wingert, Seagate executive vice president and general manager, Personal Compute Business. 'Seagate is committed to powering the next generation of computing today with the planet's fastest, highest-capacity and most reliable storage solutions.'

Momentum 5400.6 and Momentus 7200.4 hard drives are the fourth generation of Seagate's laptop family to use PMR. The Momentus 5400.6, a 5400-rpm drive, combines a powerful Serial ATA 3Gb/second interface and capacities ranging from 120GB to 500GB with an 8MB cache.

The Momentus 7200.4 hard drive, with its 7200-rpm spin speed and a Serial ATA 3GB/second interface, delivers true desktop performance. The power-efficient 7200-rpm drive maximizes battery life and comes in capacities ranging from 250GB to 500GB with a 16MB cache.

Both Momentus drives are built tough enough to withstand up to 1,000 Gs of non-operating shock and 350 Gs of operating shock to protect drive data, making the drives ideal for systems that are subject to rough handling or high levels of vibration. For added robustness in mobile environments, the Momentus 5400.6 and 7200.4 are offered with G-Force Protection, a free-fall sensor technology that helps prevent drive damage and data loss upon impact if a laptop PC is dropped. The sensor works by detecting any changes in acceleration equal to the force of gravity and parks the heads off the disc to prevent contact with the platter in a free fall of as little as 8 inches and within 3/10ths of a second.

Seagate's new Momentus drives are lean on power consumption, allowing notebook users to work longer between battery charges, and are virtually inaudible thanks to Seagate's innovative SoftSonic<sup>®</sup> fluid-dynamic bearing motors and QuietStep<sup>®</sup> ramp load technology.

The Barracuda 7200.11 hard drive combines the capacity and speed required for today's most demanding desktop PC applications. The drive packs 1.5TB on just four platters and its fast Serial ATA 3Gb/second interface delivers an industry-leading sustained data rate of up to 120MB/second for fast boot, application startup and file access. The 3.5-inch drive is also offered in capacities of 1TB, 750GB, 640GB, 500GB, 320GB and 160GB with cache options of 32MB and 16MB.

All Momentus and Barracuda drives are backed by Seagate's leading five-year warranty. You can find photos of these three new drives, and other Seagate products, at:  
[http://www.seagate.com/www/en-us/about/news\\_room/photos/](http://www.seagate.com/www/en-us/about/news_room/photos/)

## Availability

Shipments of the Barracuda 7200.11 1.5TB are set to begin August 2008. Momentus 5400.6 and 7200.4 hard drives are to begin shipping in Q4 calendar 2008.

**- END -**

## About Seagate

Seagate is the worldwide leader in the design, manufacture and marketing of hard disc drives, providing products for a wide-range of applications, including Enterprise, Desktop, Mobile Computing, Consumer Electronics and Branded Solutions. Seagate's business model leverages technology leadership and world-class manufacturing to deliver industry-leading innovation and quality to its global customers, with the goal of being the low cost producer in all markets in which it participates. The company is committed to providing award-winning products, customer support and reliability to meet the world's growing demand for information storage. Seagate can be found around the globe and at [www.seagate.com](http://www.seagate.com).

Seagate, Seagate Technology and the Wave logo are registered trademarks of Seagate Technology LLC. Barracuda, Momentus, SoftSonic and QuietStep are trademarks or registered trademarks of Seagate Technology LLC or one of its affiliated companies. All other trademarks or registered trademarks are the property of their respective owners. When referring to hard drive capacity, one gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes. Your computer's operating system may use a different standard of measurement and report a lower capacity. In addition, some of the listed capacity is used for formatting and other functions, and thus

will not be available for data storage. Quantitative usage examples for various applications are for illustrative purposes. Actual quantities will vary based on various factors, including file size, file format, features and application software. Seagate reserves the right to change, without notice, product offerings or specifications.

**For more information, Please contact:**

**Praveen Rikhy**  
MD - MelCole PR  
29833118  
29831976

You can also visit [www.melcole.com](http://www.melcole.com) for more information.