

Seagate Extends Momentus Family of Notebook Drives with Market's Highest Capacity - 120GB

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Further strengthening its position in the mobile computing market, Seagate Technology is expanding its line of notebook hard disc drives with the industry's highest capacity and performance for applications ranging from high-performance mobile workstations to mainstream laptop computers. Combining a wide range of spin speeds and capacities up to 120GB, the 2.5-inch Momentus family delivers the ruggedness, power-thrifty design and whisper-quiet operation that are redefining mobile computing.

Highlighting Seagate's notebook product line are 7,200- and 5,400-rpm models that provide the highest capacities available - 100GB and 120GB, respectively - to help meet growing demand among mobile users for notebook computers with greater performance and storage capacity.

"People on-the-go need notebook computers that deliver desktop PC performance yet can withstand the rigors of travel and extend battery life," said Jeff Loebbaka, Seagate vice president of Global Marketing.

"Others are willing to settle for lower performance and capacity in exchange for lower cost. Seagate is meeting all these needs with a family of Momentus drives that combine the widest range of spin speeds and capacities with the highest levels of reliability and power efficiency."

"As notebook PCs displace desktop PCs in the workplace, end users increasingly will demand desktop PC capabilities in notebooks," said John Buttress, IDC's research manager for hard drives. "Currently, the market for 7,200-rpm notebook drives is a niche market, but it is growing, and the market for 5,400-rpm drives already is growing rapidly. The market opportunities for these high-performance drives in notebook PCs also include requirements for higher capacities. Companies like Seagate that combine these capabilities with lower acoustic and power consumption levels will be well positioned in these growing segments to gain market share in the future."

Not just for notebooks, Momentus features a tough design that also makes the drives ideal for CE devices, printers, copiers, non-mission critical blade servers, external storage arrays and other environments where systems are jostled or subject to high levels of vibration.

Momentum drives can withstand up to 900 Gs of non-operating shock and 250 Gs of operating shock to safeguard drive data. Momentus hard drives are also highly power efficient, allowing notebook users to work longer between battery recharges, and are virtually inaudible to users thanks to Seagate SoftSonic fluid-dynamic bearing motors.

Momentum - One Family, Many Solutions

Momentum hard drives deliver capacities and spin speeds for a wide variety of applications:

- * Momentum 7200.1 - Offered in capacities up to 100GB, Momentum 7200.1 delivers 7,200-rpm spin speeds for high-performance mobile workstations, non-mission-critical blade servers and small form factor PCs.

- * Momentum 5400.2 - Available in capacities up to 120GB, Momentum 5400.2 brings 4,500-rpm power efficiency to 5,400-rpm drives. The drive's high performance, low power consumption and robust design make it ideal for mainstream notebooks and tablet PCs. The hard drive also is a good fit for industrial applications such as printers and copiers.

- * Seagate offers Serial ATA as an option for Momentum 5400.2 and Momentum 7200.1 drives to deliver fast 1.5 GBs/sec interface speed and NCQ (Native Command Queuing), making the drives a great fit for high-performance notebook PCs.

- * Momentum 4200.2 - Offered in capacities up to 120GB, this drive is ideal for low-cost notebooks and external storage.

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