



## Product Overview

# Momentum 5400 PSD

**Extend laptop battery life, increase system response time and enhance storage reliability**

**The only laptop storage that unleashes Windows Vista features while maintaining data integrity and integration simplicity**

### Key Advantages

- Integration Simplicity
  - Fully supported by Microsoft Windows Vista ReadyDrive
- Data Integrity
  - Data is fully protected on the drive at all times.
- Compatibility
  - No changes to system or motherboard design
- Faster Boot Time
  - Boot quicker when critical files are kept within the flash.
- Power Efficiency
  - Extend laptop battery life when spin motor powers off and drive operates out of the flash memory.
  - Save more than 50 percent of drive power consumption (under typical office workloads).

### Best-Fit Applications

- Power-efficient laptop PCs
- High-performance laptop PCs
- Mainstream laptop PCs



# Momentum 5400 PSD

Extend laptop battery life, increase system response time and enhance storage reliability



## Product Description

Take your Windows Vista experience to the next level with the Seagate® Momentum® 5400 PSD drive, a 2.5-inch hybrid drive designed for Windows Vista laptops and delivering power savings, speedy response and drive durability like you've never seen before. Hybrid drives unleash Windows Vista-ready drive technology while maintaining data integrity and integration simplicity. The Momentum 5400 PSD drive is available in 80-, 120- and 160-GB capacities with a 256-MB flash memory. Quality and performance are at the core of this perpendicular recording drive. The Momentum 5400 PSD drive is backed by a distribution 5-year limited warranty.

## The Seagate Advantage

Seagate Momentum 5400 PSD hybrid drives will extend battery life, increase the longevity of your storage and improve productivity with fast boot up and data access. Since the drive is Windows Vista-ready, it requires no special software or initiation—just install and go for a very long time. Momentum 5400 PSD drives extend your laptop mobility, improve storage reliability and increase performance at a low cost per gigabyte.

## Key Attributes

- 256-MB flash memory
- 80-, 120-, 160-GB capacities
- Whisper-quiet acoustics of 2.3 bels at idle and 2.9 bels during seeks
- Internal data rate of 44 MB/s
- SATA 1.5Gb/s interface
- Perpendicular recording technology
- 5-year limited warranty in distribution

## Enabling New Opportunities

The Seagate Momentum 5400 PSD hybrid drive is the perfect storage drive for users of Windows Vista in mobile environments. Designed to enable the highest level of productivity from a laptop or small form factor PC.

## To Learn More:

### Hybrid Hard Drives

Hard disk and memory hybrid drives enable customers to gain the most mobility and performance from their notebook computers.

[www.seagate.com](http://www.seagate.com)

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

Specifications	
Capacity (GB)	80, 120, 160
Interface	SATA 1.5Gb/s
Flash Memory (MB)	256
Average Seek (ms)	12.5
Spindle Speed (RPM)	5400
Disks/Heads	2/4 (160 GB)
Shock, Nonoperating (Gs)	900

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