



Seagate® Momentus® 2.5" Internal Drive

Instant Add-on Storage

Interface SATA

Capacities 250GB, 320GB, 500GB, 640GB, 750GB

Perfect for:

- Laptop and small form factor PC and Mac® computers

Momentus LP Drive – Energy Efficient, High Capacity Storage

Engineered specifically for low-power applications, the Momentus LP internal drive has a 5400RPM spindle speed and a 8MB cache to provide energy-efficient performance at whisper-quiet acoustic levels. With reduced power consumption and heat generation, this drive will reduce power costs up to 50% over the life of the system compared to standard drives. It is optimized for standard laptops and small form factor PCs.

- 5400RPM
- 8MB cache
- SATA 3Gb/s interface with Native Command Queuing
- QuietStep™ technology enables ultra-quiet load/unload acoustics
- Perpendicular recording technology increases performance and reliability

Momentus Drive – High Performance Storage

The high performance Momentus internal drive has a fast 7200RPM spindle speed and a large 16MB cache to provide desktop-like performance and deliver a sustained data transfer rate of 76MB/s. Native Command Queuing Technology dramatically increases performance by organizing incoming commands in the most efficient order. The Momentus internal drive is optimized for mobile computing and small form factor PCs that need to run more demanding applications like video and photography editing, video playback and computer games.

- 7200RPM
- 16MB cache
- SATA 3Gb/s interface with Native Command Queuing
- QuietStep™ technology enables ultra-quiet load/unload acoustics
- Perpendicular recording technology increases performance and reliability

Momentus XT Drive – Extreme Hybrid-Drive Performance Storage

The Momentus XT internal drive is the world's first hybrid notebook drive that is up to 80% faster than traditional 7200RPM drives. This ground-breaking mobile drive combines a 7200RPM hard drive with a 32MB cache, with a 4GB of solid state SLC NAND flash for SSD-like performance. The Momentus XT drive will boot a laptop within seconds of a solid-state drive laptop, but is more cost-efficient because the combined technology leverages the cost-efficiency from a disk drive. Adaptive Memory™ technology intelligently monitors the frequently used files and stores them in the solid state memory for blazing fast recall. The Momentus XT drive is optimized for mobile computing and small form factor PCs to simultaneously run multiple applications like video and photography editing, video playback and computer games.

- 7200RPM
- 32MB cache
- 4GB SLC NAND flash
- SATA 3Gb/s interface with Native Command Queuing
- QuietStep™ technology enables ultra-quiet load/unload acoustics
- Perpendicular recording technology increases performance and reliability



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Retail Packaging Specs

Box dimensions: Horiz x Vert x Depth – 4.75" x 6.34" x 2.25" (120.65mm x 161.04mm x 57.15mm)
 Box weight: 0.49 lbs (0.22 kg)
 Master carton dimensions: Horiz x Vert x Depth – 6.44" x 7.13" x 4.81" (163.58mm x 181.10mm x 122.17mm)
 Master carton weight: 1.48lbs (0.67kg)
 Master carton quantity: 3
 Master cartons per pallet: 735
 Pallet dimensions: Horiz x Vert x Depth – 48.00" x 40.00" x 48.28" (1,219.20mm x 1,016.00mm x 1,226.31mm)
 Pallet weight: 551.65 lbs (250.22kg)
 Pallet layers: 7

Performance

- SATA: up to 3Gb/s
- Up to 7200RPM

Inside the Box

- Seagate Momentus 2.5" internal hard drive

System Requirements

- Laptop with internal SATA support

Operating System Supported

- Microsoft Windows Vista, XP, 2000 Pro
- MacBook® and MacBook® Pro models using Intel-based processor with Mac OS® X, Mac® mini (Intel processor)
- Can be used with Linux
- Consult your authorized service center or notebook manufacturer for information about compatibility with this hard drive

Region	Product	Capacity	Spindle Speed	Model Number	UPC Code	Multi-pack UPC
AMER	Momentus	320GB	7200RPM	ST903203N3A1AS-RK	763649013281	10763649013288
AMER	Momentus	500GB	7200RPM	ST905003N3A1AS-RK	763649017586	10763649017583
AMER	Momentus	750GB	7200RPM	ST907503N1A1AS-RK	763649018712	10763649018719
AMER	Momentus LP	250GB	5400RPM	ST90250N1A1AS-RK	763649006139	10763649006136
AMER	Momentus LP	320GB	5400RPM	ST903203N1A2AS-RK	763649009277	10763649009274
AMER	Momentus LP	500GB	5400RPM	ST905003N1A1AS-RK	763649010747	10763649010744
AMER	Momentus LP	640GB	5400RPM	ST906403N1A1AS-RK	763649010761	10763649010768
AMER	Momentus XT	500GB	7200RPM	STAN500100-RK	763649026151	10763649026158



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