Seagate ®

Product Overview

Momentus® 5400 FDE.2

Best-in-class security for data at rest

Strong, transparent, hardware-based data protection to prevent unauthorized access to data on lost or stolen systems

Key Features and Benefits

- Full disk encryption, all the time—every time
- Convenient and easy to use—minimal configuration is required.
- Investment protection—enables storage to be securely repurposed
- Secure disposal—out of service drives remain locked and encrypted.
- No performance degradation
- Supports trusted platform modules (TPM)

Key Specifications

- AES encryption
- 5400-RPM performance
- 2.5-inch form factor
- SATA 1.5Gb/s with Native Command Queuing
- 8-MB cache

Seagate Secure™

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Product Description

The Seagate® Momentus 5400 FDE.2 drive is a hardware-based full disk encryption product that offers state-of-the-art data protection for personal and corporate laptop users. The Momentus 5400 FDE.2 drive is easy to use and simply requires a user password for authentication to ensure that everything on the hard disk drive, not just selected files or partitions, is secured with strong encryption technology. Data is protected from unauthorized access, whether a disk drive or system is stolen, retired or sold into a secondary resale channel. The Momentus 5400 FDE.2 drive also eliminates the need for corporate IT departments to spend additional money to securely wipe and dispose of drives scheduled for retirement or repurposing, because the data is rendered unreadable by simply deleting the encryption key.

To Learn More:

Trusted Computing Group

Seagate is an active leader in the Trusted Computing Group—helping to develop and promote open, vendor-neutral, industry-standard specifications for trusted computing building blocks and software interfaces across multiple platforms.

The Seagate Advantage

Full disk encryption from Seagate can save companies millions of dollars associated with lost or stolen intellectual property. The Momentus 5400 FDE.2 drive is an easy value proposition for global computer manufacturers and system integrators to incorporate into higher-value solutions for their customers. Investments that have been made in TPM platforms are now more valuable with full disc encryption from Seagate.

Applications

- Laptop PCs
- Tablet PCs
- Ultra-light laptops
- Performance laptops

Seagate Secure™ technology exploits drive's closed environment

- Transparent AES 128-bit hardware-based encryption
- Pre-boot authentication required
- Instantly secure for repurposing, service return and disposal
- Hashed passwords maintained on the drive
- Emergency password recovery file kept on a separate device

Enabling New Opportunities

The Momentus 5400 FDE.2 drive is a unique solution that addresses the needs of end users and corporate IT managers:

- Protects from unauthorized access, whether a disk drive or system is stolen, retired or sold into a secondary resale channel
- Corporate IT departments save time and money because integration is seamless and no additional capital expenses are required for end of life.

www.seagate.com

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

Specifications	
Encryption Type	AES 128 bit
Capacity (GB)	80, 120, 160
Interface	SATA 1.5Gb/s
Cache (MB)	8
Average Seek (msec)	12.5
Spindle Speed (RPM)	5400
Disks/Heads	2/4 (160 GB)
Shock, Nonoperating (Gs)	900
Acoustics, Idle (bels)	2.3