

HDD744

Seagate 1Tb/1000Gb 2.5" 7mm Thin SATA3(6GB/s) Notebook Hard Drive

Product Overview

Seagate ST1000LM035 1Tb/1000Gb, 2.5", 7mm Thin, 128mb cache, SATA3(6GB/s), support NCQ, 5400rpm, with SMR (Shingled Magnetic Recording), sustained data rate: 140mb/sec



Specifications

Features:

An Amazing Value and True Capacity Kick for Laptops and Mobile Devices

Huge 1 TB capacity in a thin 7mm lightweight design, the Seagate® Mobile HDD stores up to 200,000 photos, 250,000 songs or 124 hours of high definition video.

Ideal for:

- Traditional laptops
- Convertible and detachable storage
- Slim consumer electronics devices
- Helping to protect your sensitive data

Compatibility and Flexibility

The Mobile HDD works with SATA 6 Gb/s and SATA 3 Gb/s designs.

A slim, high-performance HDD which integrates easily.

- Drop in 1 TB or 2 TB without the weight of traditional laptop drives
- 25% lighter than the previous generation
- Easy upgrade for most 7mm laptop designs
- No-hassle transition from 9.5mm
- Standard SATA drive mounting

High Areal Density Comes With Quiet Operation and Excellent Shock Resistance

With an incredible 1 TB per disk, the Mobile HDD enables the highest areal density in a 7mm small form factor. The drive additionally performs operations very quietly and has industry-leading shock resistance.

Self-Encrypting Drive Options

Looking for dependable and secure data encryption? The Mobile HDD has Self-Encrypting Drive (SED) and FIPS 140-2 SED

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Product Specification Sheet

models available in the same 7mm design.

- Government-grade encryption without performance degradation
- Ships with the Trusted Computing Group (TCG) Opal protocol
- Instant Secure Erase technology³ that can instantly erase the security key data on your hard drive if needed, enabling secure disposal or repurposing of the SED

Specifications:

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Specifications

Product Code	HDD744
Capacity	1TB
Interface	SATA 6Gb/s
Cache	128 MB
Bytes per Sector (logical/physical)	512/4, 096
Seek Average (ms)	13 ms
I/O Data Transfer Rate, Max (MB/s)	600 MB/s
Max Sustainable Transfer Rate	140MB/s
Head-Rest Method	QuietStep Ramp Load
Non-recoverable Read Errors per Bits Read, Max	1 per 10E14
Annualised Failure Rate (AFR)	0.0048
Load/Unload Cycles	600000
Power, Seek, Typical (W)	1.6 W
Idling Average (W)	0.45 W
Temperature, Operating (degreesC)	0 degreesC - 60 degreesC
Temperature, Non-operating (degreesC)	-40 degreesC - 70 degreesC
Shock, Operating: 2ms (Gs)	400 Gs
Shock, Non-operating: 1ms (Gs)	1,000 Gs
Acoustic, Seek/Idle, Typical (bels)	2.2 bels/2 bels
Height (mm/in)	7 mm/0.276 in
Width (mm/in, max)	69.85 mm/2.75 in
Depth (mm/in, max)	100.35 mm/3.951 in
Weight (lb/g)	90 g/0.198 lb
Carton Unit Quantity	50
Cartons per Pallet / Cartons per Layer	60/10

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Product Specification Sheet

Halogen-free	Yes
RoHS compliance	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/HDD744-Seagate-1Tb-1000Gb-2-5-7mm-Thin-SATA3-6GB-s-Buy-p-223287.php>

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