

# Laptop SSHD Laptop Thin SSHD

**Data Sheet** 

### SSD Speed. HDD Capacity. A Price That Makes Sense.

- Boots and performs like an SSD¹
- · SATA 6Gb/s with NCQ for interface speed
- Faster than a traditional HDD¹
- All-in-one design for simplicity and ease of installation
- Installs and works just like a traditional hard drive in any laptop or PC, and with any OS and application
- Now available in a thinner, 7mm z-height model for ultra-thin, ultra-light laptops
- Backed by a 3-year limited warranty

#### **Best-Fit Applications**

- · Laptops and mobile workstations
- Small form factor desktops and all-in-one PCs
- High-performance laptop gaming systems

1 Performance may vary depending on user's hardware configuration and operating system.

Testing performed on a Seagate® Laptop SSHD 1TB and Seagate Laptop Thin SSHD 500GB.



## Laptop SSHD Laptop Thin SSHD



1TR¹	500GB <sup>1</sup>
	ST500LM000
	Laptop Thin SSHD
···	SATA 6Gb/s NCQ
SATA OUD/S NOQ	SAIA OUD/S NOQ
MI C/8CB	MLC/8GB
	64
	6.0/3.0/1.5
	100
	19,838
,	<10
	<12.0
	<14
<14	<b>14</b>
	2/1
	4096
4090	4090
OuiotSton™ Pamp Load	QuietStep Ramp Load
	600,000
·	1 per 10E14
·	0.48%
0.1070	0.1076
27	2.5
	0.9
0 to 60	0 to 60
-40 to 70	-40 to 70
350	350
1000	1000
2.2	2.0
2.4	2.2
0.374/9.5	0.276/7.0
2.75/69.85	2.76/70.1
2.75/69.85 3.95/100.35	2.76/70.1 3.95/100.35
	** *
3.95/100.35	3.95/100.35
3.95/100.35 0.254/115	3.95/100.35 0.209/95.0
	-40 to 70  350 1000  2.2 2.4

<sup>1</sup> One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.

#### www.seagate.com

AMERICAS ASIA/PACIFIC EUROPE, MIDDLE EAST AND AFRICA Seagate Technology LLC 10200 South De Anza Boulevard, Cupertino, California 95014, United States, 408-658-1000 Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, 65-6485-3888 Seagate Technology SAS 16–18, rue du Dôme, 92100 Boulogne-Billancourt, France, 33 1-4186 10 00

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