

## Seagate Barracuda 1TB 2.5" 2.5" Serial ATA III

**Brand :** Seagate      **Product family:** Barracuda      **Product code:** ST1000LMA48  
**Product name :** 1TB 2.5"

Barracuda 1TB, 2.5", SATA III (6 Gbit/s), 5400 RPM, 5V DC, 90 g

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### Versatile. Fast. Dependable.

Barracuda leads the industry with the highest capacities for desktops and mobile computers. With drives available up to 12 TB, the BarraCuda portfolio is a great option for upgrades at any price point.

### Laptop and Mobile Storage

Experience the highest capacity, and the thinnest 2.5-inch hard drive you've ever seen. Choose from 500 GB to 2 TB of massive storage for all of your application and data needs along with a slim 7 mm form factor drive that makes system upgrades very easy.

### Multi-Tier Caching Technology

All hard drives in the BarraCuda family come equipped with Multi-Tier Caching Technology (MTC). MTC takes your PC to new performance levels, so you can load applications and files faster than ever before. By applying intelligent layers of NAND Flash, DRAM and media cache technologies, BarraCuda delivers improved read and write performance by optimising data flow.



Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	1 TB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	5400 RPM	Operating shock	400 G
Interface *	Serial ATA III	Non-operating shock	1000 G
Type *	HDD	<b>Technical details</b>	
Component for *	Laptop	Sustainability certificates	RoHS
Storage drive buffer size	128 MB	Doesn't contain	Halogen
HDD interface transfer rate	6 Gbit/s	<b>Weight &amp; dimensions</b>	
Bytes per sector	4096	Width	69.8 mm
Start/stop cycles	600000	Height	7 mm
<b>Power</b>		Depth	100.3 mm
Power consumption (read)	1.6 W	Weight	90 g
Power consumption (write)	1.7 W	<b>Packaging data</b>	
Power consumption (idle)	0.45 W	Storage drive adapter included	✗
Operating voltage	5 V	Quantity	1
Start-up current	1 A	<b>Logistics data</b>	
		Harmonized System (HS) code	84717050



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