



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



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