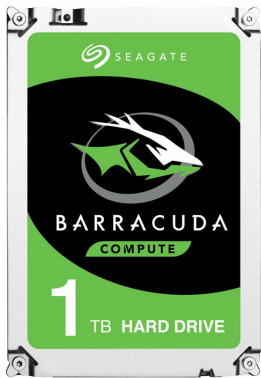


Seagate Guardian BarraCuda ST1000LM048 - hard drive - 1 TB - SATA 6Gb/s



In Stock(74)

SKU	ST1000LM048
Product Description:	Seagate Guardian BarraCuda ST1000LM048 - hard drive - 1 TB - SATA 6Gb/s
Type:	Hard drive - internal
Capacity:	1 TB
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps
Buffer Size:	128 MB

General

Device Type:	Hard drive - internal
Capacity:	1 TB
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Buffer Size:	128 MB
Bytes per Sector:	4096
Features:	QuietStep, Halogen Free, Ramp Load
Width:	69.85 mm
Depth:	100.35 mm
Height:	7 mm
Weight:	90 g

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	140 MBps
Spindle Speed:	5400 rpm

Reliability

Non-Recoverable Errors:	1 per 10 ¹⁴
Load / Unload Cycles:	600,000

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	60 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	70 °C
Shock Tolerance (operating):	400 g @ 2 ms
Shock Tolerance (non-operating):	1000 g @ 1 ms

Manufacturer Warranty

Service & Support:	Limited warranty - 2 years
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Miscellaneous

Compliant Standards:	RoHS
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Power

Power Consumption:	1.6 Watt (read) 1.7 Watt (write) 0.45 Watt (idle)
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Expansion & Connectivity

Interfaces:	SATA 6 Gb/s
Compatible Bay:	2.5"