

Seagate Barracuda ST2000DM008 - hard drive - 2 TB - SATA 6Gb/s



In Stock(78)

SKU	ST2000DM008
Product Description:	Seagate Barracuda ST2000DM008 - hard drive - 2 TB - SATA 6Gb/s
Type:	Hard drive - internal
Capacity:	2 TB
Form Factor:	3.5"
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps
Buffer Size:	256 MB



General

Device Type:	Hard drive - internal
Capacity:	2 TB
Form Factor:	3.5"
Interface:	SATA 6Gb/s
Buffer Size:	256 MB
Bytes per Sector:	4096
Features:	Native Command Queuing (NCQ), Halogen Free, Seagate OptiCache technology, Seagate AcuTrac technology, Seagate SmartAlign technology, Hot-Plug Support, Worldwide Name (WWN), TGMR recording technology, S.M.A.R.T.
Width:	101.6 mm
Depth:	146.99 mm
Height:	20.17 mm
Weight:	415 g

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	60 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	70 °C
Humidity Range Operating:	5 - 95% (non-condensing)
Shock Tolerance (operating):	80 g @ 2 ms half-sine pulse
Shock Tolerance (non-operating):	350 g @ 2 ms half-sine pulse
Vibration Tolerance (operating):	0.5 g @ 22-350 Hz
Vibration Tolerance (non-operating):	3 g @ 22-350 Hz

Manufacturer Warranty

Service & Support:	Limited warranty - 2 years
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Miscellaneous

Compliant Standards:	RoHS
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Expansion & Connectivity

Interfaces:	1 x SATA 6 Gb/s
Compatible Bay:	3.5"

Reliability

Non-Recoverable Errors:	1 per 10 ¹⁴
Load / Unload Cycles:	300,000

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	210 MBps
Seek Time:	8.5 ms (average)
Track-to-Track Seek Time:	1 ms
Average Latency:	4.16 ms
Spindle Speed:	7200 rpm