

Seagate Barracuda ST2000DMA08 - hard drive - 2 TB - SATA 6Gb/s



08-05-2024

SKU	ST2000DMA08
Product Description:	Seagate Barracuda ST2000DMA08 - 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:	Halogen Free
Width:	101.85 mm
Depth:	146.99 mm
Height:	20.2 mm
Weight:	490 g

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	60 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	70 °C

Manufacturer Warranty

Service & Support:	Limited warranty - 2 years
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Miscellaneous

Compliant Standards:	RoHS
Package Type:	Retail

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	220 MBps
Spindle Speed:	7200 rpm

Reliability

Non-Recoverable Errors:	1 per 10 ¹⁵
Load / Unload Cycles:	600,000

Power

Power Consumption:	5.1 Watt (typical) 3.9 Watt (idle) 0.3 Watt (standby) 0.3 Watt (sleep)
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Expansion & Connectivity

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