

Seagate Barracuda ZA250CM1A002 - SSD - 250 GB - SATA 6Gb/s



12-05-2024

SKU	ZA250CM1A002
Product Description:	Seagate Barracuda ZA250CM1A002 - SSD - 250 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	250 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps



General

Device Type:	Solid state drive - internal
Capacity:	250 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Features:	Halogen Free, TRIM support, S.M.A.R.T.
Width:	69.85 mm
Depth:	100 mm
Height:	7 mm
Weight:	50 g

Performance

SSD Endurance:	120 TB
Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	560 MBps (read) / 530 MBps (write)
Maximum 4KB Random Write:	90000 IOPS
Maximum 4KB Random Read:	90000 IOPS

Reliability

MTBF:	1,800,000 hours
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Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	70 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	85 °C
Shock Tolerance (non-operating):	1500 g @ 0.5 ms

Manufacturer Warranty

Service & Support:	Limited warranty - 5 years
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Dimensions & Weight (Shipping)

Shipping Width:	10.9 cm
Shipping Depth:	2.4 cm
Shipping Height:	15.5 cm
Shipping Weight:	100 g

Miscellaneous

Compliant Standards:	RoHS
Localisation:	Worldwide
Package Type:	Retail

Software & System Requirements

OS Required:	Linux, Microsoft Windows 7 / 8.1 / 10
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Power

Power Consumption:	2.6 Watt (active) 185 mW (idle) 5 mW (DevSleep)
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Expansion & Connectivity

Interfaces:	1 x SATA 6 Gb/s
Compatible Bay:	2.5"

