



## Seagate BarraCuda ZA500CM1A002 internal solid state drive 2.5" 500 GB Serial ATA III 3D TLC

**Brand :** Seagate

**Product family:** BarraCuda

**Product code:** ZA500CM1A002

**Product name :**  
ZA500CM1A002

500GB, 2.5", SATA III

Seagate BarraCuda ZA500CM1A002. SSD capacity: 500 GB, SSD form factor: 2.5", Read speed: 560 MB/s, Write speed: 540 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC/Laptop



Features		Features	
SSD form factor *	2.5"	TBW rating	1067
SSD capacity *	500 GB	<b>Operational conditions</b>	
Interface *	Serial ATA III	Operating temperature (T-T)	0 - 70 °C
Memory type *	3D TLC	Storage temperature (T-T)	-40 - 85 °C
Component for *	PC/Laptop	Operating shock	1000 G
Data transfer rate	6 Gbit/s	Non-operating shock	1500 G
Read speed	560 MB/s	<b>Technical details</b>	
Write speed	540 MB/s	Sustainability certificates	RoHS
Random read (4KB)	90000 IOPS	<b>Weight &amp; dimensions</b>	
Random write (4KB)	90000 IOPS	Width	69.8 mm
S.M.A.R.T. support	✓	Depth	100 mm
TRIM support	✓	Height	7 mm
Mean time between failures (MTBF)	1800000 h	Weight	50 g
Windows operating systems supported	✓	<b>Packaging data</b>	
Linux operating systems supported	✓	Package width	165 mm
		Package depth	31 mm
		Package height	135 mm
		Package weight	100 g



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