



## Seagate BarraCuda 120 2.5" 500 GB Serial ATA 3D TLC

**Brand :** Seagate

**Product family:** BarraCuda

**Product code:** ZA500CM1A003

**Product name :** 120

500GB, 2.5 inch, SATA 6 Gb/s, 3D TLC, NAND

[Seagate BarraCuda 120 2.5" 500 GB Serial ATA 3D TLC:](#)

Speed Up Your Computer

Take your data to the next level of performance, reliability, and efficiency with one of our Seagate® BarraCuda™ solid-state drives.

BarraCuda SSD solutions come in both 2.5 SATA form factors, perfect for ultra thin and ultra small laptops, mini PCs, and desktop PCs that need next-level SSD speed for accelerated applications and multitasking.

### Get an SSD Boost in Performance

BarraCuda SSD

Advanced Speed

Unlock maximum SATA 6 Gb/s SSD speeds with 3D TLC NAND that delivers the speed you need.

BarraCuda SSD

Coveted Versatility

Easily upgrade from hard drives with a plug-and-play 2.5-inch 7 mm form factor and SATA into Seagate BarraCuda 120. 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



Features		Technical details	
SSD form factor *	2.5"	Sustainability certificates	RoHS
SSD capacity *	500 GB	<b>Weight &amp; dimensions</b>	
Interface *	Serial ATA	Width	70.1 mm
Memory type *	3D TLC	Depth	100.3 mm
NVMe *	✗	Height	7.1 mm
Component for *	PC	Weight	50 g
Hardware encryption *	✗	<b>Packaging data</b>	
Data transfer rate	6 Gbit/s	Package width	109 mm
Read speed	560 MB/s	Package depth	24 mm
Write speed	540 MB/s	Package height	155 mm
Random read (4KB)	90000 IOPS	Package weight	100 g
Random write (4KB)	90000 IOPS	Package type	Box
S.M.A.R.T. support	✓	<b>Logistics data</b>	
TRIM support	✓	Master (outer) case width	292 mm
Mean time between failures (MTBF)	1800000 h	Master (outer) case length	153 mm
<b>Power</b>		Harmonized System (HS) code	84717070
Power consumption (average)	2.5 W	Master (outer) case height	140 mm
<b>Operational conditions</b>		Master (outer) case net weight	1.2 kg
Operating temperature (T-T)	0 - 70 °C	Products per master (outer) case	10 pc(s)
Storage temperature (T-T)	-40 - 85 °C		



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