



Seagate BarraCuda 510 M.2 256 GB PCI Express 3.0 3D TLC NVMe

Brand : Seagate

Product family: BarraCuda

Product code: ZP256CM30041

Product name : 510



- Amazing speed with next-level 3D TLC NAND and a PCIe Gen3 x4, NVMe 1.3 unlock sequential read/write speeds of up to 3,400/2,180 MB/s
 - The trusted dependability of the BarraCuda brand with a MTBF of 1.8M hours
 - Amazing versatility with capacities of 256 GB and 512 GB lets you pick the right drive for the job and budget
 - Slim form factor with single-sided M.2 2280 for ultra-thin/ultra-small laptops, mini PCs, and desktop PCs
 - Low power consumption with up to 4.2W active power and multiple low power modes make for longer battery life and cooler running speeds
- 256 GB, M.2, PCIe G3 x4, NVMe 1.3, 3D TLC



Seagate BarraCuda 510 M.2 256 GB PCI Express 3.0 3D TLC NVMe:

The Seagate BarraCuda 510 SSD — legendary storage designed for taking your data to the next level of performance, reliability and efficiency.

Seagate BarraCuda 510. SSD capacity: 256 GB, SSD form factor: M.2, Read speed: 3400 MB/s, Write speed: 2180 MB/s, Component for: PC

Features		Power	
NVMe version	1.3	Power consumption (standby)	0.002 W
SSD form factor *	M.2	Power consumption (idle)	0.016 W
SSD capacity *	256 GB	Operational conditions	
Interface *	PCI Express 3.0	Operating temperature (T-T)	0 - 70 °C
Memory type *	3D TLC	Storage temperature (T-T)	-40 - 85 °C
NVMe *	✓	Non-operating shock	1500 G
Component for *	PC	Technical details	
Read speed	3400 MB/s	Sustainability certificates	RoHS
Write speed	2180 MB/s	Weight & dimensions	
Random read (4KB)	350000 IOPS	Width	22.1 mm
Random write (4KB)	530000 IOPS	Depth	80.2 mm
S.M.A.R.T. support	✓	Height	2.23 mm
TRIM support	✓	Weight	6.9 g
Mean time between failures (MTBF)	1800000 h	Packaging data	
Power		Package width	109 mm
Power consumption (average)	4.2 W	Package depth	134.2 mm
		Package height	24 mm
		Package weight	61 g



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