

Seagate BarraCuda ZP256CM30031 internal solid state drive M.2 256 GB PCI Express 3.0 3D TLC NVMe



Brand : Seagate

Product family: BarraCuda

Product code: ZP256CM30031

Product name :
ZP256CM30031



- Amazing speed with next-level 3D TLC NAND and a PCIe® Gen3 ×4, 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 5-year limited warranty, and MTBF of 1.8M hours
 - Amazing versatility with capacities of 256 GB to 1 TB 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 5.3W active power and multiple low power modes make for longer battery life and cooler running speeds
- 510, 256 G, M.2 2280, NVME

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

Seagate BarraCuda ZP256CM30031. SSD capacity: 256 GB, SSD form factor: M.2

Features		Technical details	
NVMe version	1.3	Doesn't contain	Halogen
SSD form factor *	M.2	Pallet net height	132 cm
SSD capacity *	256 GB	Pallet net length	120 cm
Interface *	PCI Express 3.0	Pallet net width	100 cm
Memory type *	3D TLC	Pallet net weight	192.5 kg
NVMe *	✓	Products per pallet (EU)	1960 pc(s)
Random read (4KB)	350000 IOPS	Master (outer) cases per pallet layer	196 pc(s)
Random write (4KB)	530000 IOPS	Weight & dimensions	
Sequential read speed (ATTO)	3400 MB/s	Width	22.1 mm
Sequential write speed (ATTO)	2180 MB/s	Depth	80.2 mm
PCI Express interface data lanes	x4	Height	2.23 mm
S.M.A.R.T. support	✓	Weight	6.9 g
TRIM support	✓	Packaging data	
Mean time between failures (MTBF)	1800000 h	Package width	109 mm
Power		Package depth	134.2 mm
Power consumption (average)	5.3 W	Package height	24 mm
Power consumption (standby)	0.002 W	Package weight	61 g
Power consumption (idle)	0.016 W	Package type	Box
Operational conditions		Logistics data	
Operating temperature (T-T)	0 - 70 °C	Master (outer) cases per pallet	196 pc(s)
Storage temperature (T-T)	-40 - 85 °C	Products per pallet	1960 pc(s)
Maximum operating temperature	70 °C	Master (outer) case width	278 mm
Non-operating shock	1500 G	Master (outer) case length	129 mm
Technical details		Master (outer) case height	196 mm
Sustainability compliance	✓	Master (outer) case net weight	91 g
Sustainability certificates	RoHS	Products per master (outer) case	10 pc(s)

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