

Seagate FireCuda 520 M.2 500 GB PCI Express 4.0 3D TLC NVMe

Brand : Seagate

Product family: FireCuda

Product code: ZP500GM3A002

Product name : 520



500 GB, M.2, 3D TLC, PCIe Gen4 x4, NVMe 1.3, S.M.A.R.T., TRIM
 Seagate FireCuda 520. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 5000 MB/s, Write speed: 2500 MB/s, Component for: PC/Laptop



Features		Features	
NVMe version	1.3	Windows operating systems supported	✓
SSD form factor *	M.2	Linux operating systems supported	✓
SSD capacity *	500 GB	TBW rating	850
Interface *	PCI Express 4.0	Power	
Memory type *	3D TLC	Power consumption (average)	4.6 W
NVMe *	✓	Power consumption (idle)	0.12 W
Component for *	PC/Laptop	Operational conditions	
Hardware encryption *	✗	Operating temperature (T-T)	0 - 70 °C
Read speed	5000 MB/s	Storage temperature (T-T)	-40 - 85 °C
Write speed	2500 MB/s	Non-operating shock	1500 G
Random read (4KB)	430000 IOPS	Technical details	
Random write (4KB)	630000 IOPS	Sustainability certificates	RoHS
PCI Express interface data lanes	x4	Weight & dimensions	
S.M.A.R.T. support	✓	Width	22.1 mm
TRIM support	✓	Depth	80.2 mm
Mean time between failures (MTBF)	1800000 h	Height	3.58 mm
		Weight	8 g
		Logistics data	
		Harmonized System (HS) code	84717070



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