



Seagate FireCuda 510 M.2 1 TB PCI Express 3D TLC NVMe



Brand : Seagate

Product family: FireCuda

Product code:
ZP1000GM30001

Product name : 510

1 TB, M.2, PCIe G3 x4, NVMe 1.3, 3D TLC, TRIM, S.M.A.R.T., 1800000 h



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Built specifically for professional-level gamers, the Seagate FireCuda 510 SSD brings the intense speeds, lasting endurance, and large capacity needed to accelerate PC storage performance.

Seagate FireCuda 510. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 3450 MB/s, Write speed: 3200 MB/s, Component for: PC

Features		Operational conditions	
NVMe version	1.3	Operating temperature (T-T)	0 - 70 °C
SSD form factor *	M.2	Storage temperature (T-T)	-40 - 85 °C
SSD capacity *	1 TB	Non-operating shock	1500 G
Interface *	PCI Express	Technical details	
Memory type *	3D TLC	Sustainability certificates	RoHS
NVMe *	✓	Weight & dimensions	
Component for *	PC	Width	22.1 mm
Hardware encryption *	✗	Depth	80.2 mm
Read speed	3450 MB/s	Height	3.58 mm
Write speed	3200 MB/s	Weight	8.1 kg
Random read (4KB)	620000 IOPS	Packaging data	
Random write (4KB)	600000 IOPS	Package width	109 mm
S.M.A.R.T. support	✓	Package depth	134.2 mm
TRIM support	✓	Package height	24 mm
Mean time between failures (MTBF)	1800000 h	Package weight	62 g
Power		Logistics data	
Power consumption (average)	5.3 W	Master (outer) case width	278 mm
Power consumption (standby)	0.002 W	Master (outer) case length	129 mm
Power consumption (idle)	0.02 W	Master (outer) case height	169 mm
		Master (outer) case gross weight	920 g

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