



Seagate FireCuda 510 M.2 250 GB PCI Express 3.0 3D TLC NVMe



Brand : Seagate

Product family: FireCuda

Product code: ZP250GM3A001

Product name : 510

250GB, 3D TLC, PCIe Gen3 x4, NVMe 1.3, M.2 2280 S2

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Upgrade Your Gaming Experience.

FireCuda® SSD solutions are designed and built specifically with the needs of professional-level gamers in mind.

Go further with a gaming SSD built for industry-leading speed, sustained abuse, lowest latency and superior gaming.

Game Like a Pro

- Boss Level Speed

Unleash PCIe G3 x4, NVMe 1.3 speeds up to 6x faster than SATA SSD, and sequential read/write up to 3,450/3,200 MB/s.

- Gaming Versatility

Upgrade your gaming laptop or PC with a super slim M.2 2280 internal SSD, in capacities up to 2 TB.

- Future Reliability

Leverage an internal solid-state drive built for 1.8M hours MTBF and up to 2,600 TB TBW (Total Bytes Written).

Seagate FireCuda 510. SSD capacity: 250 GB, SSD form factor: M.2, Read speed: 3200 MB/s, Write speed: 1300 MB/s, Component for: PC/Laptop

Features		Features	
NVMe version	1.3	Certification	RoHS, CE, UL, FCC, BSMI, KCC, Microsoft WHQL, VCCI, CB
SSD form factor *	M.2	Power	
SSD capacity *	250 GB	Operating voltage	3.3 V
Interface *	PCI Express 3.0	Power consumption (read)	3 W
Memory type *	3D TLC	Power consumption (write)	3 W
NVMe *	✓	Power consumption (idle)	0.016 W
Component for *	PC/Laptop	Operational conditions	
Read speed	3200 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	1300 MB/s	Storage temperature (T-T)	-40 - 85 °C
Random read (4KB)	210000 IOPS	Non-operating shock	1500 G
Random write (4KB)	320000 IOPS	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	2.23 mm
Windows operating systems supported	✓	Weight	8.7 g
Mac operating systems supported	✓	Packaging data	
Linux operating systems supported	✓	Manual	✓
		Package width	109 mm
		Package depth	134.2 mm
		Package height	24 mm
		Package weight	62 g
		Logistics data	
		Harmonized System (HS) code	84717070



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