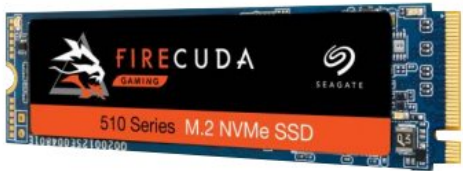


Seagate FireCuda 510 ZP250GM3A001 - SSD - 250 GB - PCIe 3.0 x4 (NVMe)



23-05-2024

SKU	ZP250GM3A001
Product Description:	Seagate FireCuda 510 ZP250GM3A001 - SSD - 250 GB - PCIe 3.0 x4 (NVMe)
Type:	Solid state drive - internal
Capacity:	250 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	M.2 2280
Interface:	PCIe 3.0 x4 (NVMe)
Features:	Halogen Free, TRIM support, NVM Express (NVMe) 1.3, TCG Pyrite, S.M.A.R.T.



General

Device Type:	Solid state drive - internal
Capacity:	250 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
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Features:	Halogen Free, TRIM support, NVM Express (NVMe) 1.3, TCG Pyrite, S.M.A.R.T.
Width:	22.15 mm
Depth:	80.15 mm
Height:	2.23 mm
Weight:	8.7 g
Bundled with:	3 years Seagate Rescue Data Recovery

Performance

SSD Endurance:	300 TB
Internal Data Rate:	3200 MBps (read) / 1300 MBps (write)
Maximum 4KB Random Write:	320000 IOPS
Maximum 4KB Random Read:	210000 IOPS

Reliability

MTBF:	1,800,000 hours
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Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	70 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	85 °C
Shock Tolerance (non-operating):	1500 g @ 0.5 ms

Manufacturer Warranty

Service & Support:	Limited warranty - 5 years
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Dimensions & Weight (Shipping)

Shipping Width:	10.9 cm
Shipping Depth:	13.425 cm
Shipping Height:	2.4 cm
Shipping Weight:	62 g

Miscellaneous

Compliant Standards:	RoHS
Localisation:	Worldwide

Software & System Requirements

Software Included:	Seagate SeaTools
OS Required:	Linux, Windows 8.1 / 10

Power

Power Consumption:	3 Watt (active) 16 mW (idle) 2 mW (low power idle)
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Expansion & Connectivity

Interfaces:	1 x PCI Express 3.0 x4 (NVMe) - M.2 M key
Compatible Bay:	M.2 2280