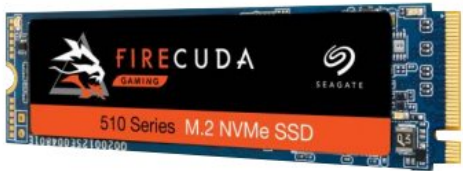


Seagate FireCuda 510 ZP500GM3A001 - SSD - 500 GB - PCIe 3.0 x4 (NVMe)



Not in stock

SKU	ZP500GM3A001
Product Description:	Seagate FireCuda 510 ZP500GM3A001 - SSD - 500 GB - PCIe 3.0 x4 (NVMe)
Type:	Solid state drive - internal
Capacity:	500 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	M.2 2280 (double-sided)
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: 500 GB

NAND Flash Memory Type: 3D triple-level cell (TLC)

Form Factor: M.2 2280 (double-sided)

Interface: PCIe 3.0 x4 (NVMe)

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: 3.58 mm

Weight: 8 g

Performance

SSD Endurance: 650 TB

Internal Data Rate: 3450 MBps (read) / 2500 MBps (write)

Maximum 4KB Random Write: 600000 IOPS

Maximum 4KB Random Read: 420000 IOPS

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

Miscellaneous

Compliant Standards: RoHS

Power

Power Consumption: 4.7 Watt (active) | 16 mW (idle) | 2 mW (low power idle)

Expansion & Connectivity

Interfaces: 1 x PCI Express 3.0 x4 (NVMe) - M.2 Card

Compatible Bay: M.2 2280 (double-sided)

Reliability

MTBF: 1,800,000 hours

