

Seagate Nytro 5550M 2.5" 1.6 TB PCI Express 4.0 3D eTLC NVMe

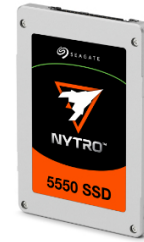
Brand : Seagate

Product code: XP1600LE10025

Product name : Nytro 5550M

1.6TB, PCIe Gen4 x4 NVMe, 3D eTLC, 2.5", 105 g, FIPS 140-3/Common Criteria Model

[Seagate Nytro 5550M 2.5" 1.6 TB PCI Express 4.0 3D eTLC NVMe:](#)



Lightspeed. Solid. Impressive. Consistent high performance for the modern data center. The Seagate® Nytro® 5050 series NVMe solid state drive represents the next generation of enterprise SSDs. Engineered for efficiency, high performance, and increased storage density in data centers, Nytro 5050 SSD eliminates performance bottlenecks and significantly improves quality of service (QoS). Seagate Nytro 5550M. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 5700 MB/s, Write speed: 2450 MB/s, Component for: PC/Laptop

Features		Features	
SSD form factor *	2.5"	Mean time between failures (MTBF)	2500000 h
SSD capacity *	1.6 TB	TBW rating	8700
Interface *	PCI Express 4.0	Power	
Memory type *	3D eTLC	Power consumption (average)	12.5 W
NVMe *	✓	Power consumption (idle)	6 W
Component for *	PC/Laptop	Operational conditions	
Hardware encryption *	✓	Operating temperature (T-T)	0 - 70 °C
Target workload	Mixed Use (MU)	Storage temperature (T-T)	-40 - 85 °C
Read speed	5700 MB/s	Operating shock	1500 G
Write speed	2450 MB/s	Weight & dimensions	
Random read (4KB)	850000 IOPS	Width	70.1 mm
Random write (4KB)	175000 IOPS	Depth	100.4 mm
Read latency	75 µs	Height	7.1 mm
Write latency	12 µs	Weight	105 g
PCI Express interface data lanes	x4	Logistics data	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Products per master (outer) case	20 pc(s)



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