

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

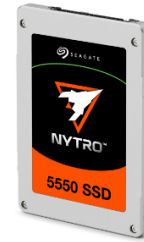
Brand : Seagate

Product code: XP1600LE70025

Product name : Nytro 5550H

1.6TB, PCIe Gen4 x4 NVMe, 3D eTLC, 2.5", 205 g, FIPS 140-3/Common Criteria Model

[Seagate Nytro 5550H 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 5550H. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 7400 MB/s, Write speed: 4300 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)	18 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	7400 MB/s	Non-operating vibration	20 G
Write speed	4300 MB/s	Operating shock	1500 G
Random read (4KB)	1700000 IOPS	Weight & dimensions	
Random write (4KB)	315000 IOPS	Width	70.1 mm
Read latency	75 µs	Depth	100.4 mm
Write latency	12 µs	Height	14.9 mm
PCI Express interface data lanes	x4	Weight	205 g
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Logistics data	
		Products per master (outer) case	20 pc(s)



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