



Seagate Nytro 5550H 2.5" 6.4 TB PCI Express 4.0 3D eTLC NVMe

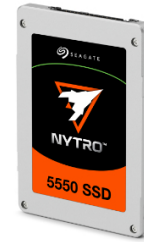
Brand : Seagate

Product code: XP6400LE70005

Product name : Nytro 5550H

6.4TB, PCIe Gen4 x4 NVMe, 3D eTLC, 2.5", 205 g

[Seagate Nytro 5550H 2.5" 6.4 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: 6.4 TB, SSD form factor: 2.5", Read speed: 7400 MB/s, Write speed: 7200 MB/s, Component for: PC/Laptop

Features	
SSD form factor *	2.5"
SSD capacity *	6.4 TB
Interface *	PCI Express 4.0
Memory type *	3D eTLC
NVMe *	✓
Component for *	PC/Laptop
Hardware encryption *	✓
Target workload	Mixed Use (MU)
Read speed	7400 MB/s
Write speed	7200 MB/s
Random read (4KB)	1700000 IOPS
Random write (4KB)	470000 IOPS
Read latency	75 µs
Write latency	12 µs
PCI Express interface data lanes	x4
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read

Features	
Mean time between failures (MTBF)	2500000 h
TBW rating	35000

Power	
Power consumption (average)	24 W
Power consumption (idle)	6 W

Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C
Operating shock	1500 G

Weight & dimensions	
Width	70.1 mm
Depth	100.4 mm
Height	14.9 mm
Weight	205 g

Logistics data	
Products per master (outer) case	20 pc(s)



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