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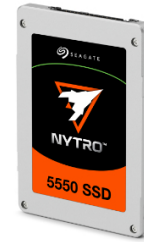
Brand : Seagate

Product name : Nytro 5550H

Product code: XP1600LE70015

1.6TB, PCIe Gen4 ×4 NVMe, 3D eTLC, 2.5", 205 g, SED 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

SSD form factor *	2.5"
SSD capacity *	1.6 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	4300 MB/s
Random read (4KB)	1700000 IOPS
Random write (4KB)	315000 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	8700

Power

Power consumption (average)	18 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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