

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

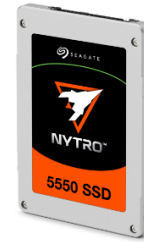
Brand : Seagate

Product code: XP6400LE70025

Product name : Nytro 5550H

6.4TB, PCIe Gen4 x4 NVMe, 3D eTLC, 2.5", 205 g, FIPS 140-3/Common Criteria Model

[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 | | Features | |
|-------------------------------------|------------------------------------|-----------------------------------|-------------|
| SSD form factor * | 2.5" | Mean time between failures (MTBF) | 2500000 h |
| SSD capacity * | 6.4 TB | TBW rating | 35000 |
| Interface * | PCI Express 4.0 | Power | |
| Memory type * | 3D eTLC | Power consumption (average) | 24 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 | Operating shock | 1500 G |
| Write speed | 7200 MB/s | Weight & dimensions | |
| Random read (4KB) | 1700000 IOPS | Width | 70.1 mm |
| Random write (4KB) | 470000 IOPS | Depth | 100.4 mm |
| Read latency | 75 µs | Height | 14.9 mm |
| Write latency | 12 µs | Weight | 205 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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