



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

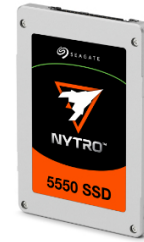
Brand : Seagate

Product code: XP6400LE70045

Product name : Nytro 5550M

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

[Seagate Nytro 5550M 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 5550M. SSD capacity: 6.4 TB, SSD form factor: 2.5", Read speed: 7400 MB/s, Write speed: 3300 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) | 14 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 | 3300 MB/s | Weight & dimensions | |
| Random read (4KB) | 1150000 IOPS | Width | 70.1 mm |
| Random write (4KB) | 190000 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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