



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

**Brand :** Seagate

**Product code:** XP6400LE10015

**Product name :** Nytro 5550M

6.4TB, PCIe Gen4 x4 NVMe, 3D eTLC, 2.5", 105 g, SED Model

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**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: 5700 MB/s, Write speed: 2450 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	<b>Power</b>	
Memory type *	3D eTLC	Power consumption (average)	12.5 W
NVMe *	✓	Power consumption (idle)	6 W
Component for *	PC/Laptop	<b>Operational conditions</b>	
Hardware encryption *	✓	Operating temperature (T-T)	0 - 70 °C
Target workload	Mixed Use (MU)	Storage temperature (T-T)	-40 - 85 °C
Read speed	5700 MB/s	Operating shock	1500 G
Write speed	2450 MB/s	<b>Weight &amp; dimensions</b>	
Random read (4KB)	900000 IOPS	Width	70.1 mm
Random write (4KB)	175000 IOPS	Depth	100.4 mm
Read latency	75 µs	Height	7.1 mm
Write latency	12 µs	Weight	105 g
PCI Express interface data lanes	x4	<b>Logistics data</b>	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	Products per master (outer) case	20 pc(s)



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