



## Seagate Nytro XF1440 2.5" 1.6 TB PCI Express 3.0 eMLC NVMe

**Brand :** Seagate

**Product code:** ST1600HM0011

**Product name :** Nytro XF1440

1.6TB, 2.5", PCIe Gen3 x4 NVMe 1.1b, eMLC, Endurance Optimized

Seagate Nytro XF1440. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 2400 MB/s, Write speed: 900 MB/s, Component for: Universal



Features		Features	
NVMe version	1.1b	Mean time between failures (MTBF)	2000000 h
SSD form factor *	2.5"	<b>Power</b>	
SSD capacity *	1.6 TB	Operating voltage	12 V
Interface *	PCI Express 3.0	Power consumption (read)	9 W
Memory type *	eMLC	Power consumption (write)	9 W
NVMe *	✓	Power consumption (max)	12.5 W
Component for *	Universal	Average power consumption (read)	9 W
Target workload	Mixed Use (MU)	Average power consumption (write)	9 W
Read speed	2400 MB/s	Power consumption (idle)	2.5 W
Write speed	900 MB/s	<b>Operational conditions</b>	
Random read (4KB)	190000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	40000 IOPS	Storage temperature (T-T)	-40 - 85 °C
PCI Express interface data lanes	x4	Operating shock	1500 G
Hot-swap	✓	<b>Weight &amp; dimensions</b>	
End-to-End Data Protection	✓	Width	69.8 mm
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>16</sup> bits read	Depth	100.3 mm
		Height	7 mm
		Weight	90 g

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