

Seagate Nytro XM1440 M.2 800 GB PCI Express eMLC

Brand : Seagate

Product code: ST800KN0021

Product name : Nytro XM1440



800 GB, 2.5", M.2, PCIe Gen3 x 4, NVMe 1.2a

Seagate Nytro XM1440. SSD capacity: 800 GB, SSD form factor: M.2, Read speed: 2500 MB/s, Write speed: 600 MB/s, Data transfer rate: 4 Gbit/s

Features		Operational conditions	
SSD form factor *	M.2	Operating temperature (T-T)	0 - 70 °C
SSD capacity *	800 GB	Storage temperature (T-T)	-40 - 85 °C
Interface *	PCI Express	Operating vibration	16.3 G
Memory type *	eMLC	Operating shock	1500 G
Data transfer rate	4 Gbit/s	Weight & dimensions	
Read speed	2500 MB/s	Width	22 mm
Write speed	600 MB/s	Depth	110 mm
Random read (4KB)	240000 IOPS	Height	2 mm
Random write (4KB)	33000 IOPS	Weight	14 g
Bytes per sector	512	Logistics data	
PCI Express interface data lanes	x4	Master (outer) cases per pallet	56 pc(s)
Mean time between failures (MTBF)	2000000 h	Layers per pallet	8 pc(s)
Power		Products per pallet	10 pc(s)
Power consumption (read)	7 W	Other features	
Power consumption (write)	7 W	Product colour	Multicolour
Power consumption (max)	8.25 W	Internal	✓



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