

Product Specification

2 TB (2000 GB) M3 SERIES M.2 2280 PCIe GEN4 NVME SSD



With up to 2X faster IOPS than Gen3, the M3 Series range is an excellent value upgrade to Gen4 to maximise the performance of your device (Gen3 backwards compatible). These SSDs reach speeds of up to 3550MB/s read, 2700MB/s write (Sequential Speed) and 340K IOPS read, 550K write (Random Speed).

- High-speed Gen4 SSD up to 3550MB/s read, 2700MB/s write (Sequential Speed); up to 340K IOPS read, 550K IOPS write (Random Speed)
- Premium computing experience - Excellent loading times and responsiveness for enthusiast gamers, video editors, graphic designers and big data applications
- Install and boot in seconds - Fits into the latest motherboards and computers that support M.2 NVMe PCIe Gen4 x4 connection
- Extremely small and sleek - Perfect for all customised gaming builds
- TCG Pyrite encryption
- 5 year warranty or TBW - whichever is earlier applies

SKU	INSSD2TM280NM3X
EAN	5055288449084

	Width (mm)	Depth (mm)	Height (mm)	Weight (g)
Product	22	80	0.8	6.4
Packaging	55	10	155	37.8

Capacity (GB)	2 TB (2000 GB)
Component for	PC
Form factor	M.2
Mean time between failures (MTBF) (hour)	1500000
TBW rating	1120
Flash type	TLC
NVMe (Y/N)	Y
Controller type	Phison E19T
S.M.A.R.T. support (Y/N)	Y
TRIM support (Y/N)	Y
Read speed (MB per second)	3550
Write speed (MB per second)	2700
Random read (4KB) (Input/Output Operations Per Second)	340000
Random write (4KB) (Input/Output Operations Per Second)	550000
Operating voltage (Volt)	3.47
Power consumption (read) (Watt)	4.2
Power consumption (write) (Watt)	4.3
Hardware encryption (Y/N)	N
TCG OPAL 2.0 Compliant	TCG PYRITE

Protection features	Shock resistant
Interface	PCIe Gen4x4
Operating temperature (T-T) (degrees Celcius)	0 - 70
Storage temperature (T-T) (degrees Celcius)	-40 - 85
Operating relative humidity (H-H) (percent)	0 - 90
Sustainability certificates	RoHS
Certification	UKCA, CE, FCC, RoHS