

Product Specification

1 TB (1000 GB) M4 SERIES M.2 2280 PCIe GEN4 NVME SSD



The M4 Series is a high-performance Gen4 SSD range that delivers exceptional loading times and responsiveness for extreme gaming, video and photo editing, 3D rendering, machine & deep learning. These SSDs reach speeds of up to 5000MB/s read, 4800MB/s write (Sequential Speed) and 800K IOPS read, 950K write (Random Speed).

- Extremely fast Gen4 SSD up to 5000MB/s read, 4800MB/s write (Sequential Speed); up to 800K IOPS read, 950K IOPS write (Random Speed)
- Latest Gen4 high-performance SSD - Ideal for high-end computers, laptops, motherboards and workstations
- Extreme computing experience - Exceptional loading times and responsiveness for extreme gaming, video and photo editing, 3D rendering, machine & deep learning
- Install and boot in seconds - Supports 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	INSSD1TM280NM4X
EAN	5055288449060

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

Capacity (GB)	1 TB (1000 GB)
Component for	PC
Form factor	M.2
Mean time between failures (MTBF) (hour)	1500000
TBW rating	600
Flash type	TLC
NVMe (Y/N)	Y
Controller type	Phison E21
S.M.A.R.T. support (Y/N)	Y
TRIM support (Y/N)	Y
Read speed (MB per second)	5000
Write speed (MB per second)	4800
Random read (4KB) (Input/Output Operations Per Second)	800000
Random write (4KB) (Input/Output Operations Per Second)	950000
Operating voltage (Volt)	3.47
Power consumption (read) (Watt)	4.3
Power consumption (write) (Watt)	4.4
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