Product Specification

2TB (2000GB) M2 Series M.2 2280 PCIe NVMe SSD

The M2 Series M.2 PCIe NVMe SSDs are up to seven times faster in performance w hen compared to SATA SSDs and are compatible w ith most computing hardw are and softw are that support the NVME standard, including small form factor machines (e.g Intel NUC), Ultrabooks and enthusiast desktops

- PCIe Gen3x4
- Compliant with PCI Express Base Specification Rev 3.1
- Compliant with NVMe 1.4
- Non-volatile Flash Memory for outstanding data retention
- Ultra-efficient Block Management and Wear Levelling
- Supports S.M.A.R.T. - Self-Monitoring, Analysis and Reporting Technology
- 5 year warranty or TBW - whichever is earlier applies

SKU	INSSD2TM280NM2X
EAN	5055288449688

	Width (mm)	Depth (mm)	Height (mm)	Weight (g)
Product	22	80	2.25	10
Packaging	13.2	5.7	11.5	58

Capacity	2TB
Component For	PCs/ Notebook
Form Factor	M.2
TBW Rating	1360
Flash Type	3D TLC
NVMe (Y/N)	Y
Controller type	Phison PS3111-S11
S.M.A.R.T support (Y/N)	Y
TRIM support (Y/N)	Y
Data transfer rate (GB per second)	8
Read speed (MB per second)	3450
Write speed (MB per second)	3200
Random read (4KB) (Input/Output Operations Per Second)	290000
Random write (4KB) (Input/Output Operations Per Second)	280000
Operating Voltage (Volt)	3.3
Power Consumption (Read) (Watt)	2.87
Power Consumption (Write) (Watt)	2.36
Hardware Encryption (Y/N)	N

Interface	PCIe Express 3.1
Operating temperature (T-T) (Degrees Celcius)	0 - -70
Storage temperature (T-T) (Degrees Celcius)	-45 - 85
Operating Vibration (gravity)	1500
Sustainability Certificates	RoHS
Certification	UKCA, CE, FCC, RoHS
Warranty	5 year warranty