Product Specification

128 GB m Series M.2 2280 PCIe NVMe SSD

M.2 PCIe NVMe SSDs are up to four times faster in performance when compared to SATA SSDs and are compatible with most computing hardware and software 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 1.2
- 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	INSSD128GM280NM1
EAN	5055288443358

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

Capacity (GB)	128 GB
Component for	PC
Form factor	M.2
Mean time between failures (MTBF) (hour)	1500000
TBW rating	64
Flash type	TLC
NVMe (Y/N)	Y
Controller type	Phison PS3111-S11
S.M.A.R.T. support (Y/N)	Y
TRIM support (Y/N)	Y
Read speed (MB per second)	1800
Write speed (MB per second)	600
Random read (4KB) (Input/Output Operations Per Second)	110000
Random write (4KB) (Input/Output Operations Per Second)	151000
Operating voltage (Volt)	3.3
Power consumption (read) (Watt)	2.87
Power consumption (write) (Watt)	2.36
Hardware encryption (Y/N)	N

Interface	PCI Express 3.1
Operating temperature (T-T) (degrees Celcius)	0 - 70
Storage temperature (T-T) (degrees Celcius)	-40 - 85
Operating vibration (gravity)	1500
Sustainability certificates	RoHS
Certification	CE, FCC, UKCA