

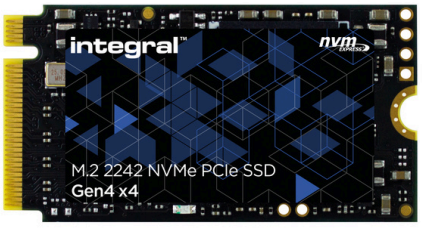
M.2 2242 NVMe SSD Gen4

The Integral Memory M.2 2242 NVMe Gen 4 x4 PCIe SSD features a compact, double-sided 2242 form factor for compatible devices. Delivering read speeds of up to 7,200MB/s and write speeds of up to 6,900MB/s, it enables faster data transfers, reduced boot times and responsive performance for gaming, everyday computing and demanding applications. Its PCIe Gen 4 x4 NVMe interface offers increased bandwidth, while advanced error correction, wear-levelling and bad block management help support data integrity and long-term reliability. With SMART, TRIM, HMB and AES 256-bit encryption support, this SSD is designed for dependable storage performance.

7200MB/s **Read***
6900MB/s **Write***

* Based on internal testing; performance may vary depending on host device.

Component For:	PCs, NUCs, Ultra-thin laptops, Handheld Gaming PC
Form Factor:	PCIe Gen4 x 4
NVMe:	Y
S.M.A.R.T Support:	Y
TRIM Support:	Y
Operating Voltage:	3.3V
Power Consumption (Read)(Watt):	3.75
Power Consumption (Write)(Watt):	3.15
Hardware Encryption:	N



Interface:	PCIe Gen4x 4
Operating Temp:	0° to 70°C
Storage Temp:	-45° to 85°C
Sustainability Certificates:	RoHS
Certification:	CE, UKCA, FCC, RoHs
Warranty:	5 Year Limited Warranty

Capacity	Read	Write	TBW	PART CODE	BARCODE (EAN)
256GB	3300 MB/s	1600 MB/s	90	INSSD256GM2242G4	5055288454552
512GB	7200 MB/s	6900 MB/s	180	INSSD512GM2242G4	5055288454569
1TB	7000 MB/s	6000 MB/s	360	INSSD1TM2242G4	5055288454576
2TB	7200 MB/s	6200 MB/s	720	INSSD2TM2242G4	5055288454583