2TB M.2 2230 NVMe SSD Gen4

The Integral Memory M.2 2230 NVMe Gen4 x4 PCIe SSD's compact 2230 form factor will supercharge even the smallest and thinnest devices including the Microsoft Surface Pro, HP, Lenovo, Dell and other ultra-thin tablets and laptops, achieving incredible read speeds of up to 5000MB/s and up to 3200MB/s write speeds. Gen4 2230 solid-state drives deliver ultimate processing capabilities, significantly reducing operating system boot times and lowering power consumption. With the latest in error detection and correction and data management capabilities, the NVMe Gen4 2230 SSDs are ideal for upgrading devices for both work and home and configured as a boot device for embedded systems.

5000MB/s Read*
3200MB/s Write*

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

- Compact form factor compatible with PCs, NUCs, Microsoft Surface Pro Series, Ultra-thin laptops and tablets, and portable gaming devices
- Guaranteed to work with and fit the Valve Steam Deck and ASUS ROG Ally handheld gaming consoles
- M.2 2230 NVMe 1.4 PCIe Gen4 x4 SSD (PCI Express Gen4: Single port X4 lanes)
- Remarkable 5000MB/s read and 3200MB/s write speeds
- Size: 2230 (22x30mm)

- Easy to install
- Supports SMART and TRIM commands as well as HMB and AES 256
- Sophisticated error detection and correction (LDPC ECC) functions, data retention (JESD47 compliant), Dynamic and Static Wear-Levelling & Bad Block Management
- 5-year limited warranty or TBW (Total bytes written) - whichever is earlier applies

PRODUCT SPECS:

Capacity:	2TB
Component For:	Steam Deck, PCs, NUCs, ROG Ally, Microsoft Surface Pro Series, Dell, HP, Lenovo Ultrabook's & Tablet
Form Factor:	M.2 2230
Mean time between failures (MTBF/ Hour):	1 500 000
TBW Rating:	450
NVMe:	Y
S.M.A.R.T Support:	Y
TRIM Support:	Y
Read Speed:	5000MB/s
Write Speed:	3200MB/s
Operating Voltage:	3.4V
Power Consumption (Read)(Watt):	4.1
Power Consumption (Write)(Watt):	2
Hardware Encryption:	No

TECHNICAL SPECS:

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:	2 Years

	PART CODE	BARCODE (EAN)
2TB	INSSD2TM2230G4	5055288450042

	HEIGHT	WIDTH	DEPTH	WEIGHT
PRODUCT	30mm	22mm	0.8mm	2g
PACKED	90mm	55mm	12mm	8g