1TB ADVANTAGE PRO-1 M.2 2280 PCIE GEN4 NVME SSD WITH HEATSINK

The Advantage PRO-1 is Integral's fastest Gen4 SSD range with heatsink that delivers an ultimate performance, meeting the most demanding gaming, video and photo editing, 3D rendering, machine & deep learning and VR needs. These SSDs reach the fastest speeds of up to 7400MB/s read, 6700MB/s write (Sequential Speed) and 950K IOPS read, 950K write (Random Speed).

7400MB/s **Read***
5500MB/s **Write***

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

- Get the Advantage - Lightning-fast Gen4 performance up to 7400MB/s read, 5500MB/s write (Sequential Speed), and up to 700K IOPS read, 800K IOPS write (Random Speed)
- The built-in heatsink provides optimal heat dissipation to reduce thermal throttling, and maximise the peak performance for an incredibly smooth gaming experience
- Store & play more games on your PS5 - Installs in seconds into the M.2 slot
- Built for top-tier gaming and high-performance PCs - Incredibly short load times for an insane gaming experience. Also Ideal for smooth video and photo editing, 3D rendering, machine & deep learning and VR

- Compatible with a wide range of motherboards - GIGABYTE, MSI, ASUS ROG, ASUS TUF GAMING, MAG
- Comes with a sturdy metal case
- 5 year warranty or TBW - whichever is earlier applies

PRODUCT SPECS:

Capacity:	1TB
Component For:	PC and PlayStation5
Form Factor:	M.2
Mean time between failures (MTBF/ Hour):	1600000
TBW Rating:	500
Flash Type:	TLC
NVMe:	Y
S.M.A.R.T Support:	Y
TRIM Support:	Y
Read Speed:	7400MB/s
Write Speed:	5500MB/s
IOPS Read:	700K
IOPS Write:	800K
Operating Voltage:	3.47V
Power Consumption (Read)(Watt):	9.3
Power Consumption (Write)(Watt):	8.7
Hardware Encryption:	N

TECHNICAL SPECS:

Protection Features:	Shock Resistant
Interface:	PCIe Gen4x 4
Operating Temp:	0° to 70°C
Storage Temp:	-40° to 85°C
Operating Relative Humidity (percent):	0 - 90
Sustainability Certificates:	RoHS
Certification:	CE, UKCA, FCC, RoHs
Warranty:	5 Year Limited Warranty

	PART CODE	BARCODE (EAN)
1 TB	INSSD1TM2280G4AP1XHS	5055288449800

	DEPTH	WIDTH	HEIGHT	WEIGHT
PRODUCT	10mm	24mm	80mm	37.8g
PACKED	12mm	65mm	100mm	73.2g