



## 4TB 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\***  
**6700MB/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, 6700MB/s write (Sequential Speed), and up to 950K IOPS read, 950K 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:**

<b>Capacity:</b>	4TB
<b>Component For:</b>	PC and PlayStation5
<b>Form Factor:</b>	M.2
<b>Mean time between failures (MTBF/ Hour):</b>	1600000
<b>TBW Rating:</b>	2000
<b>Flash Type:</b>	TLC
<b>NVMe:</b>	Y
<b>S.M.A.R.T Support:</b>	Y
<b>TRIM Support:</b>	Y
<b>Read Speed:</b>	7400MB/s
<b>Write Speed:</b>	6700MB/s
<b>IOPS Read:</b>	950K
<b>IOPS Write:</b>	950K
<b>Operating Voltage:</b>	3.47V
<b>Power Consumption (Read)(Watt):</b>	9.3
<b>Power Consumption (Write)(Watt):</b>	8.7
<b>Hardware Encryption:</b>	N



**TECHNICAL SPECS:**

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

	PART CODE	BARCODE (EAN)
4 TB	INSSD4TM2280G4AP1XHS	5055288450127

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