



## 1TB ADVANTAGE PRO-2 M.2 2280 PCIe Gen4 x4 NVME 1.4 SSD

Using the latest generation of flash and controller technology with run cooler functionality, the Advantage Pro-2 Gen4 SSD range delivers ultimate performance. Reaching speeds of up to 7300MB/s read, 6400MB/s write speeds and up to 1000K read, 950K write IOPS, the range is designed to meet the most demanding gaming, video and photo editing, 3D rendering, machine & deep learning and VR needs.

**7200MB/s Read\***  
**6100MB/s Write\***

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

- **Get the added Advantage:** Lightning-fast Gen4 performance up to 7300MB/s read, 6400MB/s write (Sequential Speed), and up to 1000K IOPS read, 950K IOPS write (Random Speed)
- **Reliable Cooling without a Heatsink :** Equipped with the latest 2024 Flash and Controller innovations, the Advantage Pro-2 SSD utilises run cooler technology eliminating the need for a heatsink. Ideal for Sony PlayStation 5 and PCs.
- **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
- **Ideal for customised game builds** Aesthetic design
- Comes with a sturdy metal case.
- **5-year warranty or TBW** whichever is earlier applies



**PRODUCT SPECS:**

<b>Capacity:</b>	1TB
<b>Component For:</b>	PC and PlayStation5
<b>Form Factor:</b>	M.2
<b>Mean time between failures (MTBF/ Hour):</b>	1 500 000
<b>TBW Rating:</b>	600
<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>	7200MB/s
<b>Write Speed:</b>	6100MB/s
<b>IOPS Read:</b>	1000K
<b>IOPS Write:</b>	850K
<b>Operating Voltage:</b>	3.14V - 3.47V
<b>Power Consumption (Read)(Watt):</b>	5.6
<b>Power Consumption (Write)(Watt):</b>	5.4
<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

	<b>PART CODE</b>	<b>BARCODE (EAN)</b>		
1TB	INSSD1TM2280G4AP2X	5055288450615		
	<b>DEPTH</b>	<b>WIDTH</b>	<b>HEIGHT</b>	<b>WEIGHT</b>
PRODUCT	0.8mm	22mm	80mm	6.4g
PACKED	12mm	65mm	100mm	42g