



## 500GB M3 SERIES PLUS M.2 2280 PCIE GEN4 NVME SSD

The M3 Series Plus is a high-performance Gen4 SSD range that delivers exceptional loading times and responsiveness for extreme gaming, video and photo editing, 3D rendering, machine & deep learning. These SSDs reach speeds of up to 5000MB/s read, 4500MB/s write (Sequential Speed) and 650K IOPS read, 850K write (Random Speed).

**5000MB/s Read\***  
**2600MB/s Write\***

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

- Extremely fast Gen4 SSD up to 5000MB/s read, 2600MB/s write (Sequential Speed); up to 360K IOPS read, 520K IOPS write (Random Speed)
- Latest Gen4 high-performance SSD - Ideal for high-end computers, laptops, motherboards and workstations
- Extreme computing experience - Exceptional loading times and responsiveness for extreme gaming, video and photo editing, 3D rendering, machine & deep learning
- Install and boot in seconds - Supports M.2 NVMe PCIe Gen4 x4 connection
- Extremely small and sleek - Perfect for all customised gaming builds
- 5 year warranty or TBW - whichever is earlier applies



**PRODUCT SPECS:**

<b>Capacity:</b>	500GB
<b>Component For:</b>	PC
<b>Form Factor:</b>	M.2
<b>Mean time between failures (MTBF/ Hour):</b>	1500000
<b>TBW Rating:</b>	256
<b>NVMe:</b>	Y
<b>S.M.A.R.T Support:</b>	Y
<b>TRIM Support:</b>	Y
<b>Read Speed:</b>	5000MB/s
<b>Write Speed:</b>	2600MB/s
<b>IOPS Read:</b>	360K
<b>IOPS Write:</b>	520K
<b>Operating Voltage:</b>	3.3V
<b>Power Consumption (Read)(Watt):</b>	3.4
<b>Power Consumption (Write)(Watt):</b>	3.1
<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>	5 - 95
<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>		
500 GB	INSSD500GM280NM3P	5055288449381		
	<b>DEPTH</b>	<b>WIDTH</b>	<b>HEIGHT</b>	<b>WEIGHT</b>
PRODUCT	0.8mm	22mm	80mm	6.4g
PACKED	23mm	102mm	127mm	46.4g