

# Product Specification

## 1 TB (1024 GB) ULTIMAPRO X3 M.2 2280 PCIE 4X4 NVME SSD



The UltimaPro X3 is Integral's fastest SSD that delivers an ultimate performance meeting the most demanding gaming, graphic design, and video workflow needs. The UltimaPro X3 SSD reaches the fastest speeds of up to 5000MB/s\* read and 4400MB/s\* write, with random read/write IOPS of up to 600K/600K\*.

- The fastest industry-leading PCIe Gen4x4 interface and NVMe 1.3 standard achieving up to 5000MB/s\* read and 4400MB/s\* write, the Integral UltimaPro X3 M.2 PCIe NVMe SSDs break through the 6Gbps SATA limitation that takes computing performance to the ultimate level
- Random read/write IOPS up to of up to 600K/600K\*
- Gamers will benefit from extremely fast loading times, absolutely exceptional performance and an emotional gaming experience
- Power-users, content editors, graphic designers and general multi-taskers will all benefit from an unbelievably ultra-responsive system and incredibly super-fast boot
- Improved video workflow when used in machines that work with: Digital film recording, live broadcast, video editing, colour correction and visual effects
- Supports SSD enhanced set of S.M.A.R.T. attributes
- 3 year warranty or TBW - whichever is earlier applies

<b>SKU</b>	INSSD1TM280NUPX3
<b>EAN</b>	5055288446250

	<b>Width (mm)</b>	<b>Depth (mm)</b>	<b>Height (mm)</b>	<b>Weight (g)</b>
<b>Product</b>	22	80	0.8	11.8
<b>Packaging</b>	65	8	114	60

<b>Capacity (GB)</b>	1 TB (1024 GB)
<b>Component for</b>	PC
<b>Form factor</b>	M.2
<b>Mean time between failures (MTBF) (hour)</b>	1700000
<b>TBW rating</b>	1650
<b>Flash type</b>	3D TLC
<b>NVMe (Y/N)</b>	Y
<b>Controller type</b>	Phison E16
<b>S.M.A.R.T. support (Y/N)</b>	Y
<b>TRIM support (Y/N)</b>	Y
<b>Read speed (MB per second)</b>	5000
<b>Write speed (MB per second)</b>	4400
<b>Random read (4KB) (Input/Output Operations Per Second)</b>	600000
<b>Random write (4KB) (Input/Output Operations Per Second)</b>	600000
<b>Operating voltage (Volt)</b>	3.3
<b>Power consumption (read) (Watt)</b>	8.7
<b>Power consumption (write) (Watt)</b>	8.6
<b>Hardware encryption (Y/N)</b>	N

<b>Protection features</b>	Shock resistant
<b>Interface</b>	PCIe Gen4x4
<b>Operating temperature (T-T) (degrees Celcius)</b>	0 - 70
<b>Storage temperature (T-T) (degrees Celcius)</b>	-40 - 85
<b>Operating relative humidity (H-H) (percent)</b>	0 - 90
<b>Certification</b>	CE, FCC, RoHS

