

Product Specification

500 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 450K/550K*
- 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

SKU	INSSD500GM280NUPX3
EAN	5055288446243

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

Capacity (GB)	500 GB
Component for	PC
Form factor	M.2
Mean time between failures (MTBF) (hour)	1700000
TBW rating	800
Flash type	3D TLC
NVMe (Y/N)	Y
Controller type	Phison E16
S.M.A.R.T. support (Y/N)	Y
TRIM support (Y/N)	Y
Read speed (MB per second)	5000
Write speed (MB per second)	2500
Random read (4KB) (Input/Output Operations Per Second)	450000
Random write (4KB) (Input/Output Operations Per Second)	550000
Operating voltage (Volt)	3.3
Power consumption (read) (Watt)	6.9
Power consumption (write) (Watt)	7.7
Hardware encryption (Y/N)	N

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

