# Product Specification

## 2 TB (2048 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

| SKU | INSSD2TM280NUPX3 |
|---|---|
| EAN | 5055288446267 |

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

| | |
|---|---|
| Capacity (GB) | 2 TB (2048 GB) |
| Component for | PC |
| Form factor | M.2 |
| Mean time between failures (MTBF) (hour) | 1700000 |
| TBW rating | 3350 |
| 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) | 4400 |
| Random read (4KB) (Input/Output Operations Per Second) | 600000 |
| Random write (4KB) (Input/Output Operations Per Second) | 600000 |
| Operating voltage (Volt) | 3.3 |
| Power consumption (read) (Watt) | 7.3 |
| Power consumption (write) (Watt) | 7.8 |
| 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 |