

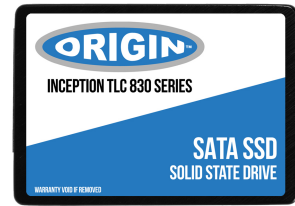


Origin Storage SSD 3D TLC 2TB 2.5 inch (6.4cm) Class 20 SATA

Brand : Origin Storage

Product code: NB-20003DSSD-TLC

Product name : Origin Storage SSD 3D TLC 2TB 2.5 inch (6.4cm) Class 20 SATA



- Read Intensive, Mobile/Desktop Based, Professional Solutions
 - Does not invalidate OEM warranty
 - 100% compatible replacement/upgrade for storage solutions
 - Pre- & Post-Sale UK Based Tech Support
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[Origin Storage SSD 3D TLC 2TB 2.5 inch \(6.4cm\) Class 20 SATA:](#)

The Inception TLC830 Pro range of SSD Solutions are manufactured by Origin using the highest quality Tier 1 NAND and the latest generation of controllers which enables us to provide both high performance and strong reliability. All of our Inception SSDs come with 3 years advanced replacement warranty alongside free, in-house pre and post sales technical support. We can supply the TLC830 Pro in form factors of 2.5", 3.5" & M.2 with either SATA or NVME interfaces, whilst being available in a range of capacities designed to increase the performance & extend the lifecycle of any laptop or desktop.



| Features | | Power | |
|-----------------------|----------------|-----------------------------------|-------------|
| SSD form factor * | 2.5" | Operating voltage | 5 V |
| SSD capacity * | 2 TB | Power consumption (read) | 2.44 W |
| Interface * | Serial ATA III | Power consumption (write) | 3.18 W |
| Memory type * | 3D TLC | Power consumption (idle) | 0.52 W |
| NVMe * | ✗ | Operational conditions | |
| Component for * | PC/Laptop | Operating temperature (T-T) | 0 - 70 °C |
| Hardware encryption * | ✗ | Storage temperature (T-T) | -40 - 85 °C |
| Read speed | 550 MB/s | Operating relative humidity (H-H) | 5 - 98% |
| Write speed | 500 MB/s | Storage relative humidity (H-H) | 5 - 98% |
| Random read (4KB) | 53760 IOPS | Operating vibration | 16 G |
| Random write (4KB) | 56320 IOPS | Maximum operating altitude | 120000 m |
| Access time | 0.1 ms | Technical details | |
| S.M.A.R.T. support | ✓ | Sustainability certificates | RoHS |
| ECC | ✓ | Logistics data | |
| Hot-swap | ✗ | Harmonized System (HS) code | 84717070 |



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