



## 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 capacity *	2 TB	Operating voltage	5 V
SSD form factor *	2.5"	Power consumption (read)	2.44 W
Interface *	Serial ATA III	Power consumption (write)	3.18 W
NVMe *	✗	Power consumption (idle)	0.52 W
Memory type *	3D TLC	<b>Operational conditions</b>	
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	<b>Other features</b>	
S.M.A.R.T. support	✓	Compliance certificates	RoHS
ECC	✓	<b>Logistics data</b>	
Hot-swap	✗	Harmonized System (HS) code	84717070



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