

Origin Storage Inception TLC830 Pro Series 256GB PCIe 3.0 NVMe M.2 80mm 3D TLC

Brand : Origin Storage

Product code: OTLC2563DNVMEM.2/80

Product name : Inception TLC830 Pro Series 256GB PCIe 3.0 NVMe M.2 80mm 3D TLC

- 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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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.

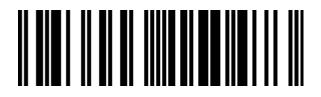






Features		Features	
NVMe version1.3SSD capacity *256 GBSSD form factor *M.2	256 GB	Linux operating systems supported TBW rating Market segment	✓ 100 Mobile
Interface * NVMe * Memory type * Component for * Hardware encryption *	PCI Express 3.0 ✓ 3D TLC PC/Laptop × 2280 (22 x 80 mm) 8 Gbit/s	Power Operating voltage Power consumption (read) Power consumption (write) Power consumption (idle)	3.3 V 2.89 W 2.83 W 0.48 W
M.2 SSD size Data transfer rate		Packaging data	
Read speed Write speed Random read (4KB)	1950 MB/s 1200 MB/s 102400 IOPS	Storage drive adapter included Screws included Package type	× × Blister
Random write (4KB)	179200 IOPS	Operational conditions	
Access time0.2 msPCI Express interface data lanesx4S.M.A.R.T. supportECCHot-swap×Low-density parity-check (LDPC)Mean time between failures (MTBF)1000000 hWindows operating systems supported	x4 ✓ ✓	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating vibration Operating shock Maximum operating altitude	0 - 70 °C -45 - 105 °C 5 - 98% 5 - 98% 16 G 1500 G 120000 m
	4	Other features	
		Compliance certificates Compatible products	RoHS Universal
		Logistics data	

Harmonized System (HS) code 84717070



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