



Product Datasheet

Origin Storage SSD 512GB 3D TLC M.2 80mm Class 20 SATA



- **Product Code:** NB-5123DSSD-M.2
- **Product EAN:** 5056006154129
- **Warranty:** 3 Year Advanced Replacement

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.

Technical Specifications

Operational Conditions

Operating Temperature (T-T):	0 - 70 °C
Storage Temperature (T-T):	-40 - 85 °C

Packaging Data

Storage Drive Adapter Included:	No
Package Type:	Blister

Other Features

Compliance Certificates:	RoHS
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Features

SSD Capacity:	512 GB
SSD Form Factor:	M.2
Interface:	Serial ATA
NVMe:	No
Memory Type:	3D TLC
Component For:	PC/Laptop
Hardware Encryption:	No
Read Speed:	1600 MB/s
Write Speed:	1000 MB/s
Hot-swap:	No
Windows Operating Systems Supported:	Yes
Linux Operating Systems Supported:	Yes

Harmonized System (HS) Code:

84717070

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