



# Product Datasheet

## 500GB TLC SSD mSATA 3.3V



- **Product Code:** NB-500TLC-MINI
- **Product EAN:** 5055146600367
- **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

## Power

<b>Operating Voltage:</b>	3.3 V
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## Operational Conditions

<b>Operating Temperature (T-T):</b>	0 - 70 °C
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<b>Storage Temperature (T-T):</b>	-40 - 85 °C
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## Packaging Data

<b>Storage Drive Adapter Included:</b>	No
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<b>Package Type:</b>	Blister
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## Other Features

<b>Internal:</b>	Yes
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<b>Internal Memory Type:</b>	TLC
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<b>Compliance Certificates:</b>	RoHS
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## Features

<b>SSD Capacity:</b>	500 GB
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<b>SSD Form Factor:</b>	mSATA
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<b>Interface:</b>	Serial ATA
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<b>NVMe:</b>	No
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<b>Memory Type:</b>	TLC
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<b>Hardware Encryption:</b>	No
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<b>Data Transfer Rate:</b>	6 Gbit/s
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<b>Read Speed:</b>	530 MB/s
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<b>Write Speed:</b>	410 MB/s
<b>Hot-swap:</b>	No
<b>Windows Operating Systems Supported:</b>	Yes
<b>Linux Operating Systems Supported:</b>	Yes

## Logistics Data

<b>Harmonized System (HS) Code:</b>	84717070
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## Origin Storage Limited

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