



# Product Datasheet

## Origin Storage SSD 256GB 3D TLC 29.85mm mSATA



- **Product Code:** NB-2563DTLC-MINI
- **Product EAN:** 5056006158370
- **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

**Power Consumption DevS1p (device Sleep):** 5 mW

**Power Consumption:** 1850 mA

## 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

**USB Powered:** No

## Features

**SSD Capacity:** 256 GB

**SSD Form Factor:** mSATA

**Interface:** Serial ATA

**NVMe:** No

**Memory Type:** 3D TLC

**Hardware Encryption:** No

**Read Speed:** 550 MB/s

**Write Speed:** 450 MB/s

<b>S.M.A.R.T. Support:</b>	Yes
<b>TRIM Support:</b>	Yes
<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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