



# Product Datasheet

## 512GB M.2 SSD SED Universal AES 256bit TCG Opal V2



- **Product Code:** ENSEDLITE-U512MLCM.2
- **Product EAN:** 5055146630500
- **Warranty:** Return To Base - 3 Years

Origin Storage is a global supplier of IT storage solutions and components. The company's product portfolio includes hard disk drive solutions, RAID solutions and OEM parts. Origin Storage prides itself on superior customer service, competitive pricing and knowledgeable sales staff. The company is unique, not only in its product range but also in its philosophy, which adds up to a professional purchasing experience. Origin Storage - the ideal partner for all your storage management needs.

## Technical Specifications

### Operational Conditions

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

### Packaging Data

|  |     |
|--|-----|
| <b>Storage Drive Adapter Included:</b> | Yes |
|--|-----|

## Other Features

|                  |     |
|------------------|-----|
| <b>Internal:</b> | Yes |
|------------------|-----|

|                                 |      |
|---------------------------------|------|
| <b>Compliance Certificates:</b> | RoHS |
|---------------------------------|------|

## Features

|                      |        |
|----------------------|--------|
| <b>SSD Capacity:</b> | 512 GB |
|----------------------|--------|

|                         |     |
|-------------------------|-----|
| <b>SSD Form Factor:</b> | M.2 |
|-------------------------|-----|

|                   |            |
|-------------------|------------|
| <b>Interface:</b> | Serial ATA |
|-------------------|------------|

|              |    |
|--------------|----|
| <b>NVMe:</b> | No |
|--------------|----|

|                     |        |
|---------------------|--------|
| <b>Memory Type:</b> | 3D TLC |
|---------------------|--------|

|                       |        |
|-----------------------|--------|
| <b>Component For:</b> | Laptop |
|-----------------------|--------|

|                             |    |
|-----------------------------|----|
| <b>Hardware Encryption:</b> | No |
|-----------------------------|----|

|                             |             |
|-----------------------------|-------------|
| <b>Security Algorithms:</b> | 256-bit AES |
|-----------------------------|-------------|

|                    |           |
|--------------------|-----------|
| <b>Read Speed:</b> | 1600 MB/s |
|--------------------|-----------|

|                     |           |
|---------------------|-----------|
| <b>Write Speed:</b> | 1000 MB/s |
|---------------------|-----------|

|                  |    |
|------------------|----|
| <b>Hot-swap:</b> | No |
|------------------|----|

|   |     |
|---|-----|
| <b>Windows Operating Systems Supported:</b> | Yes |
|---|-----|

|   |     |
|---|-----|
| <b>Linux Operating Systems Supported:</b> | Yes |
|---|-----|

|                       |             |
|-----------------------|-------------|
| <b>Certification:</b> | TCG Opal V2 |
|-----------------------|-------------|

## Logistics Data

|                                     |          |
|-------------------------------------|----------|
| <b>Harmonized System (HS) Code:</b> | 84717070 |
|-------------------------------------|----------|

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