



# Product Datasheet

## 240GB Hot Plug Enterprise SSD 3.5in SATA Read Intensive



- **Product Code:** CPQ-240EMLCRI-S8
- **Product EAN:** 5056006106234
- **Warranty:** 5 Year Advanced

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

## Weight & Dimensions

<b>Width:</b>	69.8 mm
<b>Depth:</b>	100.5 mm
<b>Height:</b>	7 mm
<b>Weight:</b>	54.34 g

## Power

<b>Power Consumption (idle):</b>	1.3 W
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## Operational Conditions

<b>Operating Temperature (T-T):</b>	0 - 70 °C
<b>Operating Vibration:</b>	20 G
<b>Non-operating Vibration:</b>	20 G
<b>Operating Shock:</b>	1500 G
<b>Non-operating Shock:</b>	1500 G

## Packaging Data

<b>Storage Drive Adapter Included:</b>	Yes
<b>Storage Drive Adapter Type:</b>	2.5" - 3.5"

## Other Features

<b>Product Colour:</b>	Black
<b>Internal:</b>	Yes

## Features

<b>SSD Capacity:</b>	240 GB
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<b>SSD Form Factor:</b>	3.5"
<b>Interface:</b>	Serial ATA
<b>NVMe:</b>	No
<b>Memory Type:</b>	MLC
<b>Component For:</b>	Server/workstation
<b>Hardware Encryption:</b>	Yes
<b>NAND Flash Type:</b>	MLC (Multi Level Cell)
<b>Security Algorithms:</b>	256-bit AES
<b>Data Transfer Rate:</b>	6 Gbit/s
<b>Read Speed:</b>	330 MB/s
<b>Write Speed:</b>	300 MB/s
<b>Random Read (4KB):</b>	86000 IOPS
<b>Random Write (4KB):</b>	9000 IOPS
<b>Read Latency:</b>	130 $\mu$ s
<b>Write Latency:</b>	130 $\mu$ s
<b>S.M.A.R.T. Support:</b>	Yes
<b>TRIM Support:</b>	Yes
<b>RAID Support:</b>	Yes
<b>Hot-swap:</b>	Yes
<b>Mean Time Between Failures (MTBF):</b>	2000000 h

## Logistics Data

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

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