



# Product Datasheet

240GB 6G SATA VE SFF 2.5in Value Endurance OEM:  
717969-B21



- **Product Code:** CPQ-240MLC-S7
- **Product EAN:** 5055146601487
- **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>	88 g

## Power

<b>Power Consumption (idle):</b>	0.6 W
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## Operational Conditions

<b>Operating Relative Humidity (H-H):</b>	0 - 70%
<b>Operating Vibration:</b>	1000 G
<b>Non-operating Vibration:</b>	1000 G
<b>Operating Shock:</b>	1000 G
<b>Non-operating Shock:</b>	1000 G

## Brand-specific Features

<b>Intel High Endurance Technology (HET):</b>	No
<b>Intel® Rapid Start Technology:</b>	No

## Other Features

<b>Internal:</b>	Yes
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## Features

<b>SSD Capacity:</b>	240 GB
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<b>SSD Form Factor:</b>	2.5"
<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>Data Transfer Rate:</b>	6 Gbit/s
<b>Read Speed:</b>	500 MB/s
<b>Write Speed:</b>	260 MB/s
<b>Random Read (4KB):</b>	68000 IOPS
<b>Random Write (4KB):</b>	10200 IOPS
<b>Random Read (100% Span):</b>	68000 IOPS
<b>Random Write (100% Span):</b>	10200 IOPS
<b>Read Latency:</b>	55 $\mu$ s
<b>Write Latency:</b>	66 $\mu$ s
<b>Lithography:</b>	16 nm
<b>Hot-swap:</b>	Yes
<b>End-to-End Data Protection:</b>	Yes
<b>Enhanced Power Loss Data Protection Technology:</b>	Yes
<b>SSD Temperature Monitoring:</b>	Yes
<b>Power Failure Management Plus (PFM+):</b>	No
<b>SSD Usage Tag:</b>	Data center

## Logistics Data

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

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