



# Product Datasheet

## 960GB Hot Plug Enterprise SSD 2.5in SATA Mixed Work Load



- **Product Code:** CPQ-960EMLCMWL-S7
- **Product EAN:** 5056006106098
- **Warranty:** 5 Year Advanced

Read Intensive SSDs (RI) are less expensive but also offer less endurance.

Write Intensive SSDs (WI) offer the highest write performance combined with a very high endurance.

Mixed Workload SSDs (MWL) offer a balance of strong read and write performance with a mid level endurance

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.

Please note: This is a hardware compatible hard / solid state drive and no original. Origin can not assure compatibility with any OEM software tool.

## Technical Specifications

### Weight & Dimensions

<b>Width:</b>	69.8 mm
<b>Depth:</b>	100.5 mm
<b>Height:</b>	7 mm
<b>Weight:</b>	60 g

### Operational Conditions

<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

### Other Features

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

<b>SSD Capacity:</b>	960 GB
<b>SSD Form Factor:</b>	2.5"
<b>Interface:</b>	Serial ATA

<b>NVMe:</b>	No
<b>Memory Type:</b>	eMLC
<b>Component For:</b>	Server/workstation
<b>Hardware Encryption:</b>	No
<b>NAND Flash Type:</b>	eMLC (Enterprise Multi Level Cell)
<b>Security Algorithms:</b>	256-bit AES
<b>Data Transfer Rate:</b>	6 Gbit/s
<b>Read Speed:</b>	510 MB/s
<b>Write Speed:</b>	485 MB/s
<b>Random Read (4KB):</b>	95000 IOPS
<b>Random Write (4KB):</b>	25000 IOPS
<b>Read Latency:</b>	110 µs
<b>Write Latency:</b>	110 µs
<b>S.M.A.R.T. Support:</b>	Yes
<b>TRIM 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

2-4 Rutherford Centre, Rutherford Road, Basingstoke, Hampshire, RG24 8PB UK

**Tel:** [+44 \(0\)1256 351500](tel:+44(0)1256351500) | **E-Mail:** [sales@originstorage.com](mailto:sales@originstorage.com) | **Web:** [www.originstorage.com](http://www.originstorage.com)

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