



Product Datasheet

1920GB Hot Plug Enterprise SSD 2.5in SATA Mixed Work Load



- **Product Code:** CPQ-1920EMLCMWL-S6
- **Product EAN:** 5056006105992
- **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

| | |
|----------------|----------|
| Width: | 69.8 mm |
| Depth: | 100.5 mm |
| Height: | 7 mm |
| Weight: | 54.3 g |

Power

| | |
|-------------------------------------|-----|
| Power Consumption (average): | 3 W |
|-------------------------------------|-----|

Operational Conditions

| | |
|-------------------------------------|-----------|
| Operating Temperature (T-T): | 0 - 70 °C |
| Operating Vibration: | 2.17 G |
| Non-operating Vibration: | 2.17 G |
| Operating Shock: | 1500 G |
| Non-operating Shock: | 1500 G |

Other Features

| | |
|------------------|-----|
| Internal: | Yes |
|------------------|-----|

Features

| | |
|-------------------------|------------|
| SSD Capacity: | 1.92 TB |
| SSD Form Factor: | 2.5" |
| Interface: | Serial ATA |
| NVMe: | No |
| Memory Type: | MLC |

| | |
|--|------------------------|
| Component For: | Server/workstation |
| Hardware Encryption: | Yes |
| NAND Flash Type: | MLC (Multi Level Cell) |
| Security Algorithms: | 256-bit AES |
| Data Transfer Rate: | 6 Gbit/s |
| Read Speed: | 510 MB/s |
| Write Speed: | 485 MB/s |
| Maximum Read (4KB): | 95000 IOPS |
| Maximum Write (4KB): | 28000 IOPS |
| Random Read (4KB): | 95000 IOPS |
| Random Write (4KB): | 28000 IOPS |
| Write Latency: | 110 μ s |
| S.M.A.R.T. Support: | Yes |
| TRIM Support: | Yes |
| ECC: | No |
| Hot-swap: | Yes |
| End-to-End Data Protection: | Yes |
| Enhanced Power Loss Data Protection Technology: | Yes |
| Mean Time Between Failures (MTBF): | 2000000 h |
| Active Garbage Collection: | Yes |
| TBW Rating: | 10512 |
| Logistics Data | |
| Harmonized System (HS) Code: | 84717070 |

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