



Product Datasheet

1920GB, 2.5", SATA III, Incl. Caddy / Tray



- **Product Code:** CPQ-1920EMLCMWL-S7
- **Product EAN:** 5056006106104
- **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

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

Power

Power Consumption (average):	3 W
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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
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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
Read Latency:	110 μ s
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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