



# Origin Storage 480GB Hot Plug Enterprise SSD 2.5in SATA Read Intensive

**Brand :** Origin Storage

**Product code:** DELL-480EMLCRI-S16

**Product name :** 480GB Hot Plug Enterprise SSD 2.5in SATA Read Intensive



- Does not invalidate OEM warranty
  - 100% compatible replacement/upgrade for storage solutions
  - Pre- & Post-Sale UK Based Tech Support
- 480GB Hot Plug Enterprise SSD 2.5in SATA Read Intensive

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Origin Storage Ltd manufactures a full range of Matched Hard Drive & Solid State Solutions for Dell Poweredge, Optiplex and Latitude ranges, covering all their legacy systems right through to the latest modern day technology. Dell have been supplying their clients with Origin Matched Hard Solutions for the past decade as and when their own part is made EOL or stock is in constraint, this shows an unquestionable level of quality and service provided on every Origin Storage Matched Drive Solution. All of our Matched Drive Solutions come with up to 5 years advanced replacement warranty and also come with free pre and post sales technical support from our in house engineers. We can supply replacements or upgrades in form factors 2.5" ,3.5", M.2, mSATA and AIC (PCIe)



Features		Features	
NAND flash type	MLC (Multi Level Cell)	Windows operating systems supported	✓
Security algorithms	256-bit AES	Linux operating systems supported	✓
SSD form factor *	2.5"	Compatible products	Dell Server
SSD capacity *	480 GB	<b>Power</b>	
Interface *	Serial ATA III	Power consumption (average)	3 W
Memory type *	eMLC	<b>Operational conditions</b>	
NVMe *	✗	Operating temperature (T-T)	0 - 70 °C
Component for *	Server/workstation	Storage temperature (T-T)	-40 - 85 °C
Hardware encryption *	✗	Operating relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Operating vibration	20 G
Read speed	520 MB/s	Non-operating vibration	20 G
Write speed	500 MB/s	Operating shock	1500 G
Maximum read (4KB)	97000 IOPS	Non-operating shock	1500 G
Maximum write (4KB)	16000 IOPS	<b>Technical details</b>	
Random read (4KB)	97000 IOPS	Sustainability certificates	RoHS
Random write (4KB)	16000 IOPS	<b>Weight &amp; dimensions</b>	
Random read (8KB)	55000 IOPS	Width	69.8 mm
Random write (8KB)	11000 IOPS	Depth	100.5 mm
Access time	0.1 ms	Height	7 mm
Read latency	130 µs	Weight	60 g
Write latency	130 µs	<b>Packaging data</b>	
S.M.A.R.T. support	✓	Storage drive adapter included	✓
TRIM support	✓	<b>Logistics data</b>	
RAID support	✓	Harmonized System (HS) code	84717070
Hot-swap	✓	<b>Other features</b>	
Mean time between failures (MTBF)	2000000 h	Internal	✓



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