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

Brand : Origin Storage

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

Product code: DELL-480EMLCRI-S16

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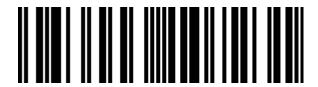480GB Hot Plug Enterprise SSD 2.5in SATA Read Intensive

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

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

NAND flash type	MLC (Multi Level Cell)
Security algorithms	256-bit AES
SSD form factor *	2.5"
SSD capacity *	480 GB
Interface *	Serial ATA III
Memory type *	eMLC
NVMe *	✘
Component for *	Server/workstation
Hardware encryption *	✘
Data transfer rate	6 Gbit/s
Read speed	520 MB/s
Write speed	500 MB/s
Maximum read (4KB)	97000 IOPS
Maximum write (4KB)	16000 IOPS
Random read (4KB)	97000 IOPS
Random write (4KB)	16000 IOPS
Random read (8KB)	55000 IOPS
Random write (8KB)	11000 IOPS
Access time	0.1 ms
Read latency	130 μs
Write latency	130 μs
S.M.A.R.T. support	✔
TRIM support	✔
RAID support	✔
Hot-swap	✔
Mean time between failures (MTBF)	2000000 h

Features

Windows operating systems supported	✔
Linux operating systems supported	✔
Compatible products	Dell Server

Power

Power consumption (average)	3 W

Operational conditions

Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C
Operating relative humidity (H-H)	5 - 95%
Operating vibration	20 G
Non-operating vibration	20 G
Operating shock	1500 G
Non-operating shock	1500 G

Technical details

Sustainability certificates	RoHS

Weight & dimensions

Width	69.8 mm
Depth	100.5 mm
Height	7 mm
Weight	60 g

Packaging data

Storage drive adapter included	✔

Logistics data

Harmonized System (HS) code	84717070

Other features

Internal	✔

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