



Product Datasheet

2TB SSD SATA PRO Fixed 3.5in SATA HotSwap Kit Incl. Caddy / Tray



- **Product Code:** DELL-2000MLC-F14
- **Product EAN:** 5056006142096
- **Warranty:** 5 Year Advanced

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)

Technical Specifications

Weight & Dimensions

Width:	69.8 mm
Depth:	100.5 mm
Height:	7 mm
Weight:	66 g

Power

Operating Voltage:	5 V
Power Consumption (max):	5.8 W
Power Consumption (average):	3.5 W
Power Consumption (idle):	0.06 W

Operational Conditions

Operating Temperature (T-T):	0 - 70 °C
Storage Temperature (T-T):	-40 - 85 °C
Operating Shock:	1500 G
Non-operating Shock:	1500 G

Packaging Data

Storage Drive Adapter Included:	Yes
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Other Features

Compliance Certificates:	RoHS
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Compatible Products:

Dell Server

Features

SSD Capacity:	2 TB
SSD Form Factor:	3.5"
Interface:	Serial ATA
NVMe:	No
Memory Type:	MLC
Component For:	Server/workstation
Hardware Encryption:	No
NAND Flash Type:	MLC (Multi Level Cell)
Security Algorithms:	256-bit AES
Data Transfer Rate:	6 Gbit/s
Read Speed:	550 MB/s
Write Speed:	520 MB/s
Random Read (4KB):	100000 IOPS
Random Write (4KB):	90000 IOPS
Controller Type:	Samsung MHX
DevSlp (device Sleep) Support:	Yes
S.M.A.R.T. Support:	Yes
TRIM Support:	Yes
RAID Support:	Yes
Hot-swap:	No
IEEE 1667:	Yes
Mean Time Between Failures (MTBF):	1500000 h
Active Garbage Collection:	Yes

Windows Operating Systems Supported: Yes

Opal SSC 2.0:	Yes
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Linux Operating Systems Supported:	Yes
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Logistics Data

Harmonized System (HS) Code:	84717070
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Origin Storage Limited

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