



Product Datasheet

480GB Hot Plug Enterprise SSD 2.5in SATA Mixed Work Load



- **Product Code:** FUJ-480EMLCMWL-S3
- **Product EAN:** 5056006108610
- **Warranty:** Advanced Replacement - 5 Years

Origin Storage Ltd manufactures a full range of Matched Hard Drive & Solid State Solutions for Fujitsu Primergy, Esprimo and Lifebook ranges, covering all their legacy systems right through to the latest modern day technology. 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) connectivity's including SATA & SAS interfaces, available in a range of

capacities and spin speeds. All our Matched Drive Solutions are just that, matched to the system you have for 100% compatibility, right first time, every time!

Technical Specifications

Weight & Dimensions

Height:	7 mm
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Power

Operating Voltage:	5 V
Power Consumption (read):	2.3 W
Power Consumption (write):	2.8 W
Power Consumption (average):	2.8 W
Power Consumption (idle):	1.3 W

Operational Conditions

Operating Temperature (T-T):	0 - 70 °C
Storage Temperature (T-T):	-40 - 85 °C
Operating Vibration:	20 G
Non-operating Vibration:	20 G
Operating Shock:	1500 G
Non-operating Shock:	1500 G

Packaging Data

Storage Drive Adapter Included:	Yes
Downloadable Software:	Samsung SSD DC Toolkit

Other Features

Internal:	Yes
Compliance Certificates:	RoHS
Compatible Products:	Fujitsu Server

Features

SSD Capacity:	480 GB
SSD Form Factor:	2.5"
Interface:	Serial ATA
NVMe:	No
Memory Type:	TLC
Component For:	Server/workstation
Hardware Encryption:	No
NAND Flash Type:	eMLC (Enterprise Multi Level Cell)
Security Algorithms:	256-bit AES
Data Transfer Rate:	6 Gbit/s
Read Speed:	560 MB/s
Write Speed:	510 MB/s
Random Read (4KB):	95000 IOPS
Random Write (4KB):	19000 IOPS
Read Latency:	110 μ s
Write Latency:	110 μ s
S.M.A.R.T. Support:	Yes
TRIM Support:	Yes
Hot-swap:	Yes
Mean Time Between Failures (MTBF):	2000000 h
Active Garbage Collection:	Yes

Windows Operating Systems Supported:	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

2-4 Rutherford Centre, Rutherford Road, Basingstoke, Hampshire, RG24 8PB UK

Tel: [+44 \(0\)1256 351500](tel:+44(0)1256351500) | **E-Mail:** sales@originstorage.com | **Web:** www.originstorage.com

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