ComX Computers
Product Specification Sheet

SSDMCEAW240A401

Intel 530 Series 240GB mSATA Solid State Drive

Product Overview

Intel 530 Series 240GB mSATA Solid State Drive - Mean Time Between Failures (MTBF) 1,2M hours, Sequential Read 540MB/s, Random Read 41000 IOPS, Sequential Write 480 MB/s, Random Write 80000 IOPS



Specifications

Specifications:

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Specifications	
Product Code	SSDMCEAW240A401
Essentials	
Sequential Read	540 MB/s
Sequential Write	480 MB/s
Random Read (8GB Span)	41000 IOPS
Random Write (8GB Span)	80000 IOPS
Latency - Read	80 µs
Latency - Write	85 µs
Power - Active	140 mW
Power - Idle	55 mW
Vibration - Operating	2.17 GRMS (5-700 Hz) Max
Vibration - Non-Operating	3.13 GRMS (5-700 Hz) Max
Shock (Operating and Non-Operating)	1000 G (Max) at 0.5 msec
Operating Temperature Range	0 degreesC to 70 degreesC

Weight	< 10 grams
Mean Time Between Failures (MTBF)	1,200,000 Hours
Uncorrectable Bit Error Rate (UBER)	
Package Specifications	
Components	Intel NAND Flash Memory Multi-Level Cell (MLC) Technology
Capacity	240 GB
Form Factor	mSATA
Interface	SATA 6.0 Gb/s
Lithography	20 nm
Advanced Technologies	
Hardware Encryption	AES 256 bit
End-to-End Data Protection	Yes
Intel Smart Response Technology	Yes
Intel Rapid Start Technology	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SSDMCEAW240A401-Intel-530-Series-240GB-mSATA-Solid-State-Drive-p-111897.php

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