



Samsung PM9A3 M.2 960 GB PCI Express 4.0 MLC NVMe

Brand : Samsung

Product code: MZ1L2960HCJR-00A07

Product name : PM9A3



960 GB, M.2 22110, PCIe 4.0 x4, 5500 MBs Read, 1400 MBs Write, 22 x 110 x 3.8 mm
Samsung PM9A3. SSD capacity: 960 GB, SSD form factor: M.2, Read speed: 5500 MB/s, Write speed: 1400 MB/s, Component for: PC/Laptop

Features		Power	
Security algorithms	256-bit AES-XTS	Power consumption (read)	7.5 W
SSD form factor *	M.2	Power consumption (write)	6.5 W
SSD capacity *	960 GB	Power consumption (idle)	2.5 W
Interface *	PCI Express 4.0	Operational conditions	
Memory type *	MLC	Operating temperature (T-T)	0 - 70 °C
NVMe *	✓	Storage temperature (T-T)	-40 - 85 °C
Component for *	PC/Laptop	Operating relative humidity (H-H)	5 - 95%
Hardware encryption *	✓	Non-operating vibration	20 G
Read speed	5500 MB/s	Non-operating shock	1500 G
Write speed	1400 MB/s	Weight & dimensions	
Random read (4KB)	550000 IOPS	Width	22 mm
Random write (4KB)	60000 IOPS	Depth	110 mm
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Height	3.8 mm
Mean time between failures (MTBF)	2000000 h	Weight	20 g
		Logistics data	
		Harmonized System (HS) code	84717070



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