

Samsung 983 DCT M.2 960 GB PCI Express 3.0 MLC NVMe

Brand : Samsung

Product code: MZ-1LB960NE

Product name : 983 DCT



- M.2 form factor and NVMe (Non-Volatile Memory Express) interface deliver blazing fast speed
- End-to-end data protection to help ensure consistency over the entire data transfer path
- Power-loss protection helps to prevent data corruption in the case of power failure
- Designed for optimized performance in server applications thanks to Samsung's proprietary 3-bit MLC V-NAND

M.2, 960 GB, 3000 MB/s

Samsung 983 DCT. SSD capacity: 960 GB, SSD form factor: M.2, Read speed: 3000 MB/s, Write speed: 1100 MB/s, Component for: PC

Features		Power	
NAND flash type	MLC (Multi Level Cell)	Operating voltage	3.3 V
NVMe version	1.2b	Power consumption (read)	7.5 W
Security algorithms	256-bit AES	Power consumption (write)	7.2 W
SSD form factor *	M.2	Power consumption (idle)	2.6 W
SSD capacity *	960 GB	Operational conditions	
Interface *	PCI Express 3.0	Operating temperature (T-T)	0 - 70 °C
Memory type *	MLC	Storage relative humidity (H-H)	5 - 95%
NVMe *	✓	Operating shock	1500 G
Component for *	PC	Weight & dimensions	
Read speed	3000 MB/s	Width	110.2 mm
Write speed	1100 MB/s	Depth	22 mm
Random read (100% span)	400000 IOPS	Height	3.8 mm
Random write (100% span)	38000 IOPS	Weight	20 g
S.M.A.R.T. support	✓	Other features	
TRIM support	✓	Product colour	Green
Mean time between failures (MTBF)	2000000 h		

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