

Samsung PM9A3 3.84 TB 2.5" PCI Express 4.0 NVMe V-NAND TLC

Brand : Samsung  
Product name : PM9A3  
Product code: MZ-QL23T800



PM9A3 NVMe® U.2 3.84TB  
Samsung PM9A3. SSD capacity: 3.84 TB, SSD form factor: 2.5", Read speed: 6900 MB/s, Write speed: 4100 MB/s, Component for: PC

Features		Features	
NVMe version	1.4	S.M.A.R.T. support	✓
Security algorithms	256-bit AES	TRIM support	✓
SSD capacity *	3.84 TB	End-to-End Data Protection	✓
SSD form factor *	2.5"	Mean time between failures (MTBF)	2000000 h
Interface *	PCI Express 4.0	Power	
NVMe *	✓	Operating voltage	12 V
Memory type *	V-NAND TLC	Power consumption (read)	11 W
Component for *	PC	Power consumption (write)	13.5 W
Hardware encryption *	✓	Power consumption (max)	3.5 W
Read speed	6900 MB/s	Weight & dimensions	
Write speed	4100 MB/s	Width	110.2 mm
Random read (4KB)	1000000 IOPS	Depth	3.8 mm
Random write (4KB)	180000 IOPS	Height	22 mm
Sequential read speed (AS SSD)	6900 MB/s	Weight	90 g
Sequential write speed (AS SSD)	4100 MB/s	Operational conditions	
Controller type	Samsung Elpis	Operating temperature (T-T)	0 - 70 °C
		Logistics data	
		Harmonized System (HS) code	84717070



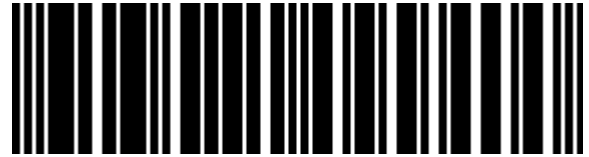
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