## Samsung PM9A3 7.68 TB 2.5" PCI Express 4.0 NVMe V-NAND TLC

**Brand :** Samsung **Product code:** MZ-QL27T600

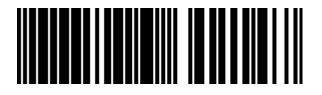
**Product name:** PM9A3

7.68 TB, 2.5", NVMe, V-NAND TLC, PCIe 4.0 x4, TRIM, S.M.A.R.T., AES 256-bit Samsung PM9A3. SSD capacity: 7.68 TB, SSD form factor: 2.5", Read speed: 6700 MB/s, Write speed: 4000 MB/s, Component for: PC





Features		Features	
NVMe version Security algorithms SSD capacity * SSD form factor * Interface * NVMe *	1.4 256-bit AES 7.68 TB 2.5" PCI Express 4.0 ✓	PCI Express interface data lanes S.M.A.R.T. support TRIM support End-to-End Data Protection Mean time between failures (MTBF)	x4 ✓ ✓ 2000000 h
		Power	
Memory type * Component for * Hardware encryption * Read speed Write speed	V-NAND TLC PC	Operating voltage Power consumption (read) Power consumption (write) Power consumption (max)	12 V 11 W 13.5 W 3.5 W
Random read (4KB) 110 Random write (4KB) 200 Sequential read speed (AS SSD) 670	1100000 IOPS 200000 IOPS 6700 MB/s 4000 MB/s	Weight & dimensions	
		Width Depth Height Weight	110.2 mm 22 mm 3.8 mm 90 g
		Operational conditions	
		Operating temperature (T-T) Operating shock	0 - 70 °C 1500 G





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