

## Samsung PM9A3 7,68 TB U.2 PCI Express 4.0 NVMe MLC

**Tuotemerkki** : Samsung

**Tuotekoodi**: MZQL27T6HBLA-00A07

**Tuotteen nimi** : PM9A3

Samsung PM9A3. SSD-kapasiteetti: 7,68 TB, SSD-malli: U.2, Lukunopeus: 6800 MB/s, Kirjoitusnopeus: 4100 MB/s, Komponentti (tuotteelle): Palvelin/työasema

Features		Features	
Security algorithms	256-bit AES-XTS	Mean time between failures (MTBF)	2000000 h
SSD capacity *	7.68 TB	<b>Power</b>	
SSD form factor *	U.2	Operating voltage	12 V
Interface *	PCI Express 4.0	Power consumption (max)	13.5 W
NVMe *	✓	Power consumption (idle)	3.5 W
Memory type *	MLC	<b>Weight &amp; dimensions</b>	
Component for *	Server/workstation	Width	70 mm
Hardware encryption *	✓	Depth	7 mm
Read speed	6800 MB/s	Height	100 mm
Write speed	4100 MB/s	<b>Operational conditions</b>	
Random read (4KB)	1100000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	200000 IOPS	Storage temperature (T-T)	-40 - 85 °C
S.M.A.R.T. support	✓	Operating relative humidity (H-H)	5 - 95%
End-to-End Data Protection	✓	Non-operating vibration	20 G
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	Non-operating shock	1500 G
		<b>Logistics data</b>	
		Harmonized System (HS) code	84717070



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