

Samsung PM963 M.2 960 GB PCI Express 3.0 NVMe

Brand : Samsung

Product code: MZ1LLW960HMJP-00003

Product name : PM963



960GB, M.2, PCIe Gen 3x4 32Gbit/s (NVMe)

[Samsung PM963 M.2 960 GB PCI Express 3.0 NVMe:](#)

Samsung continues to lead the industry with the broadest portfolio of memory products and display technology. Its DRAM, flash, mobile and graphics memory are found in many computers — from ultrabooks to powerful servers — and in a wide range of handheld devices such as smartphones and tablets. Samsung is also a leader in display panels for smartphones, TVs and monitors and public information displays. In addition, Samsung provides the industry’s widest line of storage products from the consumer to enterprise levels. These include optical disc drives as well as flash storage, such as Solid State Drives, and a range of embedded flash storage products. Samsung PM963. SSD capacity: 960 GB, SSD form factor: M.2, Read speed: 2000 MB/s, Write speed: 1800 MB/s, Data transfer rate: 32 Gbit/s, Component for: Server/workstation

Features		Power	
NVMe version	1.2	Power consumption (idle)	2.5 W
SSD form factor *	M.2	Operational conditions	
SSD capacity *	960 GB	Operating temperature (T-T)	0 - 70 °C
Interface *	PCI Express 3.0	Storage temperature (T-T)	-40 - 85 °C
NVMe *	✓	Operating relative humidity (H-H)	5 - 95%
Component for *	Server/workstation	Storage relative humidity (H-H)	5 - 95%
Data transfer rate	32 Gbit/s	Operating shock	1500 G
Read speed	2000 MB/s	Weight & dimensions	
Write speed	1800 MB/s	Width	22 mm
Random read (4KB)	430000 IOPS	Depth	110 mm
Random write (4KB)	40000 IOPS	Height	4.15 mm
Mean time between failures (MTBF)	2000000 h	Weight	20 g
Power		Other features	
Power consumption (read)	7.5 W	Product colour	Green
Power consumption (write)	7.5 W		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 10-JAN-2024. Prints or copies of Information are only valid on the printed Publication date