

## Samsung 980 M.2 500 GB PCI Express 3.0 V-NAND NVMe

**Brand :** Samsung

**Product code:** MZ-V8V500BW

**Product name :** 980



- Samsung NVMe SSD powered by V-NAND technology
  - Up to 3,500 MB/s sequential read and 3,000 MB/s write
- 980 NVMe M.2 SSD 500GB  
 Samsung 980. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 3100 MB/s, Write speed: 2600 MB/s, Component for: PC/Laptop

Features	
NVMe version	1.4
Security algorithms	256-bit AES
SSD form factor *	M.2
SSD capacity *	500 GB
Interface *	PCI Express 3.0
Memory type *	V-NAND
NVMe *	✓
Component for *	PC/Laptop
Hardware encryption *	✓
Read speed	3100 MB/s
Write speed	2600 MB/s
Random read (4KB)	400000 IOPS
Random write (4KB)	470000 IOPS
PCI Express interface data lanes	x4
S.M.A.R.T. support	✓

Features	
Mean time between failures (MTBF)	1500000 h
Power	
Operating voltage	3.3 V
Power consumption (max)	5.9 W
Power consumption (average)	4.3 W
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G
Weight & dimensions	
Width	80.2 mm
Depth	22.1 mm
Height	2.38 mm
Weight	8 g
Logistics data	
Harmonized System (HS) code	84717070



0887276437231



887276437231



8806090572227

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.