

Samsung 980 Pro 2 TB M.2 PCI Express 4.0 NVMe V-NAND MLC

Brand : Samsung

Product code: MZ-V8P2T0CW



Product name : 980 Pro

- True PCIe® 4.0 NVMe™ speed (up to 7,000 MB/s for seq. reads, 5,100MB/s for seq. writes)
  - Ideal for heavy computing, high resolution graphics and PC gaming
  - For console gaming, compatible only with Playstation® 5
- 980 PRO with Heatsink PCIe 4.0 M.2 SSD 2TB
- Samsung 980 Pro. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 7000 MB/s, Write speed: 5000 MB/s, Component for: PC

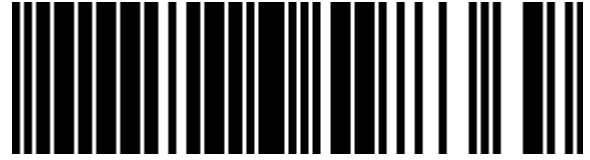


Features	
NVMe version	1.3c
Security algorithms	256-bit AES
SSD capacity *	2 TB
SSD form factor *	M.2
Interface *	PCI Express 4.0
NVMe *	✓
Memory type *	V-NAND MLC
Component for *	PC
Hardware encryption *	✓
M.2 SSD size	2280 (22 x 80 mm)
Read speed	7000 MB/s
Write speed	5000 MB/s
Random read (4KB)	1000000 IOPS
Random write (4KB)	1000000 IOPS
PCI Express interface data lanes	x4
S.M.A.R.T. support	✓
TRIM support	✓

Features	
Mean time between failures (MTBF)	1500000 h
Power	
Operating voltage	3.3 V
Power consumption (max)	7.2 W
Power consumption (average)	6.1 W
Power consumption (idle)	0.035 W
Weight & dimensions	
Width	80 mm
Depth	8.6 mm
Height	24 mm
Weight	30.5 g
Packaging data	
Package type	Box
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G
Logistics data	
Harmonized System (HS) code	84717070



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