

Samsung 9100 PRO PCIe® 5.0 NVMe™ M.2 SSD - 1 TB

Brand : Samsung

Product code: MZ-VAP1T0BW

Product name : 9100 PRO PCIe® 5.0 NVMe™ M.2 SSD - 1 TB

- Samsung NVMe SSD powered by V-NAND technology
- Up to 14,800 MB/s sequential read and 13,400 MB/s write speed
- Upto 2,200K IOPS random read and 2,600K IOPS random write speed

9100 PRO, PCIe 5.0, NVMe M.2 SSD

Samsung 9100 PRO PCIe® 5.0 NVMe™ M.2 SSD - 1 TB. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 14700 MB/s, Write speed: 13300 MB/s, Component for: PC/Game console



Features		Power	
NVMe version	2.0	Operating voltage	3.3 V
Security algorithms	256-bit AES	Power consumption (read)	7.6 W
SSD capacity *	1 TB	Power consumption (write)	7.2 W
SSD form factor *	M.2	Average power consumption (read)	7.6 W
Interface *	PCI Express 5.0	Average power consumption (write)	7.2 W
NVMe *	✓	Power consumption (idle)	0.004 W
Memory type *	V-NAND TLC	Power consumption DevSlp (device sleep)	3.3 mW
Component for *	PC/Game console	Weight & dimensions	
Hardware encryption *	✓	Width	80.2 mm
M.2 SSD size	2280 (22 x 80 mm)	Depth	2.38 mm
Read speed	14700 MB/s	Height	80.2 mm
Write speed	13300 MB/s	Weight	9 g
Random read (4KB)	1850000 IOPS	Packaging data	
Random write (4KB)	2600000 IOPS	Package type	Box
PCI Express interface data lanes	x4	Operational conditions	
DevSlp (device sleep) support	✓	Operating temperature (T-T)	0 - 70 °C
S.M.A.R.T. support	✓	Operating shock	1500 G
TRIM support	✓	Other features	
Mean time between failures (MTBF)	1500000 h	Warranty period	5 year(s)



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Catalog Object Cloud



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