

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

Brand : SamsungProduct code: MZ-VAP1T0BW

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



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/Laptop

Features		Power	
Security algorithms	256-bit AES	Operating voltage	3.3 V
SSD capacity *	1 TB	Average power consumption (read)	7.6 W
SSD form factor *	M.2	Average power consumption (write)	7.2 W
Interface *	PCI Express 5.0	Weight & dimensions	
NVMe *	✓	Width	80.2 mm
Memory type *	V-NAND TLC	Depth	2.38 mm
Component for *	PC/Laptop	Height	22.1 mm
Hardware encryption *	✓	Weight	9 g
Read speed	14700 MB/s	Packaging data	
Write speed	13300 MB/s	Package type	Box
Random read (4KB)	1850000 IOPS	Operational conditions	
Random write (4KB)	2600000 IOPS	Operating temperature (T-T)	0 - 70 °C
S.M.A.R.T. support	✓	Operating shock	1500 G
TRIM support	✓		
Mean time between failures (MTBF)	1500000 h		



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