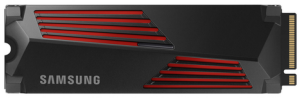
SAMSUNG

Samsung 990 PRO 2 TB M.2 PCI Express 4.0 NVMe V-NAND MLC





Brand : Samsung

Product code: MZ-V9P2T0CW

Product name : 990 PRO

- Samsung NVMe SSD powered by newly designed in-house controller
- Up to 7,450 / 6,900 MB/s sequential read/write speed
- Power efficient SSD, reliable thermal control, with heatsink

2 TB, M.2 (2280), PCIe Gen 4.0 x4, NVMe, Samsung V-NAND 3-bit MLC 2.0, 80 x 24.3 x 8.2 mm
Samsung 990 PRO. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 7450 MB/s, Write speed: 6900 MB/s, Component for: PC

Features	
NVMe version	2.0
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	7450 MB/s
Write speed	6900 MB/s
S.M.A.R.T. support	✔
TRIM support	✔
Mean time between failures (MTBF)	1500000 h
Backlight	✔

Power	
Operating voltage	3.3 V
Power consumption (max)	8.5 W
Power consumption (average)	5.5 W
Power consumption (idle)	0.055 W

Weight & dimensions	
Width	80 mm
Depth	8.2 mm
Height	24.3 mm
Weight	28 g

Packaging data	
Package width	101 mm
Package depth	166 mm
Package height	22 mm
Package weight	60 g
Package type	Hanging box

Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G

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