

## Samsung 960 PRO M.2 2 TB PCI Express V-NAND NVMe

**Brand :** Samsung

**Product code:** MZ-V6P2T0BW

**Product name :** 960 PRO



2 TB, NVMe M.2, PCIe 3.0 x4, 3500 MB/s, 2100 MB/s, S.M.A.R.T., V-NAND, AES 256-bit

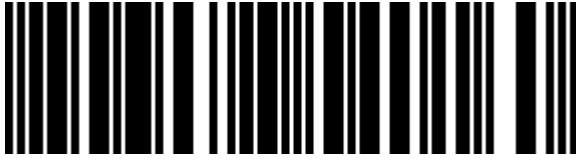
Samsung 960 PRO M.2 2 TB PCI Express V-NAND NVMe:

Experience incredible performance designed for heavy workloads and demanding applications with the high-capacity, highly reliable Samsung 960 PRO SSD. Ideal for high-end PCs and workstations, the 960 PRO boasts a cutting-edge 48-layer Samsung V-NAND-based architecture that delivers next-generation performance in a compact M.2 form factor. Samsung's Magician software solution provides advanced functionality to manage, monitor and optimize drive performance.

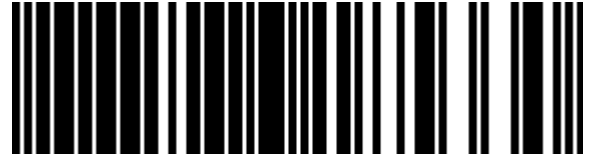
Samsung 960 PRO. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 3500 MB/s, Write speed: 2100 MB/s



Features		Power	
NVMe version	1.2	Power consumption (average)	5.8 W
Security algorithms	256-bit AES	<b>Operational conditions</b>	
SSD form factor *	M.2	Operating temperature (T-T)	0 - 70 °C
SSD capacity *	2 TB	Storage temperature (T-T)	-40 - 85 °C
Interface *	PCI Express	Operating relative humidity (H-H)	5 - 95%
Memory type *	V-NAND	Storage relative humidity (H-H)	5 - 95%
NVMe *	✓	Operating shock	1500 G
Hardware encryption *	✓	<b>Weight &amp; dimensions</b>	
Read speed	3500 MB/s	Width	80.2 mm
Write speed	2100 MB/s	Depth	22.1 mm
Maximum read (4KB)	440000 IOPS	Height	2.38 mm
Maximum write (4KB)	360000 IOPS	Weight	9 g
Controller type	Samsung Polaris	<b>Logistics data</b>	
PCI Express interface data lanes	x4	Harmonized System (HS) code	84717070
S.M.A.R.T. support	✓	<b>Other features</b>	
TRIM support	✓	Product colour	Black
Mean time between failures (MTBF)	1500000 h	Launch date	2/14/2017
Protection features	Shock resistant		



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