

## Samsung 840 PRO 2.5" 512 GB Serial ATA

**Brand :** Samsung

**Product code:** MZ-7PD512Z

**Product name :** 840 PRO

840 Pro Series 512GB 2.5" SATA solid state drive

Samsung 840 PRO. SSD capacity: 512 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



Features		Operational conditions	
SSD form factor *	2.5"	Operating temperature (T-T)	0 - 70 °C
SSD capacity *	512 GB	Storage temperature (T-T)	-40 - 85 °C
Interface *	Serial ATA	Operating relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Storage relative humidity (H-H)	5 - 95%
Read speed	540 MB/s	Operating shock	1500 G
Write speed	520 MB/s	Weight & dimensions	
Random read (4KB)	100000 IOPS	Height	7 mm
Random write (4KB)	90000 IOPS	Other features	
Windows operating systems supported	✓	Product colour	Black
Mac operating systems supported	✓	Internal	✓
Linux operating systems supported	✓	Compatible operating systems	Windows 7 (32-bit / 64-bit), Vista, XP, MAC OSX, Linux
Power		Connectivity technology	Wired
Operating voltage	5 V		

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