



## Samsung 840 PRO 2.5" 256 GB

**Brand :** Samsung

**Product code:** MZ-7PD256BW

**Product name :** 840 PRO

256GB 2.5-inch SSD, MLC NAND TLC 840 Pro

Samsung 840 PRO. SSD capacity: 256 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



### Features

SSD form factor *	2.5"
SSD capacity *	256 GB
Data transfer rate	6 Gbit/s
Read speed	540 MB/s
Write speed	520 MB/s
Random read (4KB)	100000 IOPS
Random write (4KB)	90000 IOPS
Windows operating systems supported	✓
Mac operating systems supported	✓
Linux operating systems supported	✓

### Power

Operating voltage	5 V
Power consumption (standby)	0.15 W

### Operational conditions

Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%
Operating shock	1500 G

### Weight & dimensions

Weight	70 g
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### Packaging data

Quick start guide	✓
Manual	✓

### Other features

Product colour	Black
Internal	✓
Compatible operating systems	Windows 7 (32-bit and 64-bit), Vista, XP, MAC OSX, Linux
Weight (imperial)	0.0680 kg (0.15 lbs)

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