

# Premier Pro SP910 2.5" SATA SSD

The Premier Pro SP910 SATA 6Gb/s SSD is ideal for upgrading your PC and laptop. It is powered by the Marvell controller to offer outstanding performance with sequential read/write speeds of up to 560 and 460 MB/s, and 4KB random read/write speeds of up to 91,000/77,000 IOPS. With consistently fast data speeds and competitive price, the SP910 lets you enjoy faster boot up and program loading than ever before.



## Features

- High transfer speed for uncompressed data performance
- Consistent high transfer speed
- NCQ Support
- Supports Windows TRIM Command
- S.M.A.R.T supported

## Ordering Information

Capacity	Model Number	EAN Code
128GB	ASP910SS3-128GM-C	4712366960176
256GB	ASP910SS3-256GM-C	4712366960183
512GB	ASP910SS3-512GM-C	4712366960190
1TB	ASP910SS3-1TM-C	4712366960206

## Specifications

- Capacities: 128GB/256GB/512GB/1TB
- NAND Flash Memory: Synchronous MLC
- Interface: SATA 6Gb/sec (SATA III)
- Controller: Marvell 88SS9187
- Form Factor: 2.5"
- Dimensions: 100 x 70 x 7mm (L x W x H)
- Weight: 70g
- Warranty: 3 years
- MTBF: 1,500,000 hours
- Power Consumption: 0.8W Idle, 0.6W Active
- Operating Temperature: 0~70°C
- Storage Temperature: -40~85°C
- Shock Resistance: 1500G
- Operating Humidity: 10% to 90% RH (0° to 40°C)
- Storing Humidity: 5% to 95% RH (-10° to 40°C)
- ECC Recovery: Up to 128 bits/2KB (BCH)

\*Varies depending on exact configuration



## Performance

Capacity	Read Speed ATTO (MB/sec)	Write Speed ATTO (MB/sec)	Sequential Read AS SSD (MB/sec)	Sequential Write AS SSD (MB/sec)	4K Random Read Iometer (MB/sec)	4K Random Write Iometer (MB/sec)
128GB	540	160	510	155	66,000	38,000
256GB	540	320	510	310	78,000	73,000
512GB	560	460	520	440	91,000	77,000
1TB	560	460	520	440	91,000	77,000

\*Test System: ASUS H87-PLUS , Pentium G3220, 4GB DDR3 RAM, Windows 8.1 Pro

## Dimensional Drawings

