

# ADATA Premier Pro SP920 2.5" SATA SSD

The Premier Pro SP920 2.5" SATA SSD is designed to meet the high-performance requirements of multimedia file transfers. It is equipped with a Marvell controller, implementing the SATA III 6Gb/sec specification. Strict selection of flash memory chips allows for the enhancement of overall system efficiency and speed, especially for the transmission of multimedia files (uncompressed data).



## Features

- Great uncompressed data format solution
- Full capacity- 7% more than many standard drives
- NCQ & S.M.A.R.T. support
- Acronis True Image HD, Disk Migration Utility
- Acronis True Image HD, Disk Migration Utility
- CE, FCC, VCC, BSMI certified
- 2.5mm spacer allows for use in both 7mm & 9.5mm bays

## Specifications

- Controller: Marvell
- Form Factor / Interface: 2.5" / SATA 6Gb/sec
- NAND Flash: Synchronous MLC
- Channels: 8 Channels
- Dimensions: 100 x 70 x 7mm (L x W x H)
- Weight: 70g (2.5oz)
- Warranty: 5 years
- MTBF: 1,200,000 hours

## Ordering Information

Capacity	Model Number	EAN Code
100GB		
240GB		
480GB		

- Max performance (ATTO, 256GB): R/W 560/360MB/s
- Max 4K random IOPS (ATTO, 256GB): 96K/80K
- Power consumption: 0.067W Idle / 0.15W Active
- Operating / storage temp.: 0~70°C / -40~85°C
- Operating Humidity: 5 ~ 95% RH (0 ~ 55°C)
- Shock Resistance: 1500G / 0.5ms



## 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 (IOPS)	4K Random Write (IOPS)	TBW
128GB	560	180	520	180	80,000	45,000	70TB
256GB	560	360	520	340	96,000	80,000	140TB

\*Test System: ASUS Z87-C, BIOS- 0802, Intel® Core i5-4430, 4GB x 2 DDR3 1600MHz, Z87, Windows 8.1 Pro (64 bit)

## Packaging Information

Model	Weight	Dimensions	Pcs / Carton	CUFT	Carton Gross Weight	Carton Dimensions
SP920	152g	130 x 138 x 25mm	40	1.4	7.5kg	346 x 355 x 300mm

## Dimensional Drawings

