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 the latest generation 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).

The Superb SSD for High-Definition Media
Premier Pro SP920 Series Solid State Drive

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

● CE, FCC, VCC, BSMI certified

● 2.5mm spacer allows for use in both 7mm & 9.5mm bays

Ordering Information

Capacity	Model Number	EAN Code
128GB	ASP920SS3-128GM-C	4713435799512
256GB	ASP920SS3-256GM-C	4713435799529

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: 3 years

● MTBF: 1,200,000 hours

● 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)
128GB	560	180	520	180	80,000	45,000
256GB	560	360	520	340	96,000	80,000

*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