Premier Pro SP920 **Solid State Drive**

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).

Features

- Great uncompressed data format solution
- Full capacity- 7% more than many standard drives
- NCQ & S.M.A.R.T. supported
- Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.) Support
- Acronis True Image HD, Disk Migration Utility

Ordering Information

Capacity	Model Number	EAN Code
128GB	ASP920SS3-128GM-C	4713435799512
256GB	ASP920SS3-256GM-C	4713435799529
512GB	ASP920SS3-512GM-C	4712366962866
1TB	ASP920SS3-1TM-C	4712366962873

Specifications

- Controller: Marvell
- Form Factor / Interface: 2.5 inch / SATA 6Gb/sec
- NAND Flash: Synchronous MLC
- Dimensions: 100.45 x 69.85 x 7mm (L x W x H)
- Weight: 68g
- Warranty: 3 years
- MTBF: 1,500,000 hours
- Max performance (ATTO, 1TB): R/W 560/460MB/s
- Max 4K random IOPS (IOPS, 1TB)): 91K/77K
- 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
512GB	560	460	520	440	91,000	77,000
1TB	560	460	520	440	91,000	77,000

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

Package 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