

Premier Pro SP920 Solid State Drive

The Premier Pro SP920 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. support
- Supports Windows TRIM Command
- Consistent high transfer speed when disk is almost full
- 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
- Size: 100 x 69.85 x 7.0mm (L x W x H)
- Weight: 70g (2.5oz)
- Warranty: 3 years
- MTBF: 1,200,000 hours

Ordering Information

Capacity	Model Number	EAN Code
128GB	ASP920SS3-128GM-C	4713435799512
256GB	ASP920SS3-256GM-C	4713435799529
512GB	ASP920SS3-512GM-C	4713435799536
1TB	ASP920SS3-1TM-C	4713435799543

- Max performance (ATTO, 1TB):
560 MB/sec Read, 500 MB/sec Write
- Max 4k random IOPS (Iometer, 1TB)
98,000 Read, 88,000 Write
- Power consumption: 0.5W Idle / 0.8W Active
- Operating / storage temp.: 0~70°C / -40~85°C
- Operating humidity: 5 ~ 95% RH (0 ~ 55°C)
- Shock Resistance: 1500G / 0.5ms



Performance

		128GB	256GB	512GB	1TB
ATTO	Sequential READ (MB/sec)	560	560	560	560
	Sequential WRITE (MB/sec)	180	360	500	500
AS SSD	Sequential READ (MB/sec)	520	520	510	510
	Sequential WRITE (MB/sec)	180	340	470	470
CrystalDiskMark	Sequential READ (MB/sec)	520	520	500	500
	Sequential WRITE (MB/sec)	180	360	470	480
Iometer	4K Random Read (IOPS)	80000	96000	98000	98000
	4K Random Write (IOPS)	45000	80000	88000	88000

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

