Premier Pro SP900 Solid State Drive

The Premier Pro SP900 SSD not only boasts impressive performance numbers, but also offers a competitive price advantage to those looking to upgrade. It is expanded capacity solid state drive which uses new optimized firmware to utilize greater storage capacity of the NAND Flash components drive. With superior NAND Flash, the Premier Pro SP900 reaches new levels of stability and performance, with a 7% increase in storage capacity over common SSDs in the market that use a SandForce controller.

Features

- TRIM Support (requires OS support)
- NCQ Support
- Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.) Support
- 3.5" desktop conversion bracket
- Acronis True Image HD, Disk Migration Utility

Ordering Information

Capacity	Model Number	EAN Code
64GB	ASP900S3-64GM-C	4713435794753
128GB	ASP900S3-128GM-C	4713435794623
256GB	ASP900S3-256GM-C	4713435794760
512GB	ASP900S3-512GM-C	4712366960046

Specifications

- Capacities: 64 / 128 / 256 / 512GB
- NAND Flash Memory: Synchronous MLC
- Interface: SATA 6Gb/sec (SATA III)
- Controller: SandForce 2200 series
- Form Factor: 2.5 inch
- Dimensions: 100.45 x 69.85 x 7mm (L x W x H)
- Weight: 68g
- Warranty: 3 years
- MTBF: 1,000,000 hours

- Power Consumption: 0.8W Active (Typical), 0.4W Slumber (Typical)
- Storage Temperature: -40~85°C
- Shock Resistance: 1500G
- Operating Humidity: 10% to 90% RH (0° to 40°C)
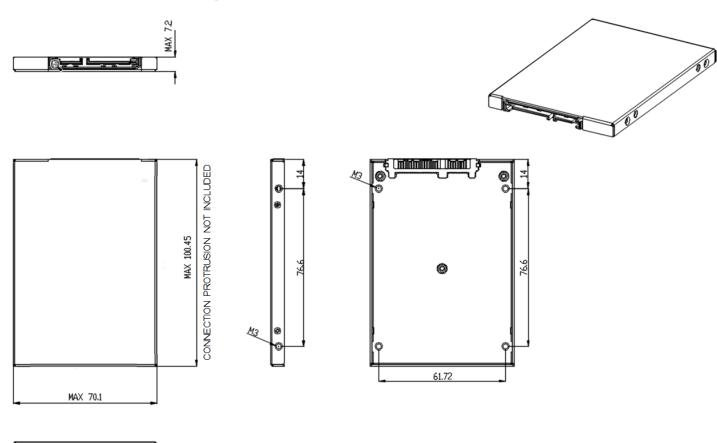- Storing Humidity: 5% to 90% RH (-10° to 40°C)

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 Write (MB/sec)
64GB	545	525	250	85	86K
128GB	545	535	270	130	91K
256GB	545	535	390	260	91K
512GB	555	535	490	280	30K

*Test System: ASUS Sabertooth P67, Intel i5 2500K, 8GB DDR3 RAM, Windows 7 Professional Version

*Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables.

Dimensional Drawings