

# ADATA Premier Pro SP900 Solid State Drive SATA 6Gb/sec

## Specifications

- > **Capacities:** 64/128 GB
- > **NAND Flash Components:** 2xnm Multi-Level Cell (MLC) Asynchronous NAND Flash Memory
- > **Interface:** SATA 6Gb/sec (SATA III)
- > **Controller:** SandForce 2281
- > **Form Factor:** 2.5"
- > **Dimensions:** 100 x 69.85 x 9.5mm (L x W x H)
- > **Weight:** 76g



## Performance

Capacity	Read speed ATTO (MB/sec)	Write Speed ATTO (MB/sec)
64 GB	Up to 550	Up to 505
128 GB	Up to 550	Up to 520

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

## Features

- > **MTBF:** 1,000,000 hrs
- > **TRIM Support (requires OS support)**
- > **NCQ Support**
- > **Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.) Support**
- > **Backwards compatible with SATA II**
- > **3.5" desktop conversion bracket**
- > **Acronis True Image HD, Disk Migration Utility**
- > **3-Year warranty**
- > **OS Compatibility:** Windows 7 / Windows XP / Windows Vista / Mac OS X / Linux



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## Environmental Parameters

- > **Power Consumption:** 0.6W Idle  
3.0W Active
- > **Operating Temperature:** 0~70°C
- > **Storage Temperature:** -40~85°C
- > **Weight:** 76g
- > **Certifications:** CE / FCC / VCCI / BSMI
- > **Operating Humidity:** 10% to 90% RH (0° to 40°C)
- > **Storing Humidity:** 5% to 90% RH (-10° to 40°C)
- > **Max Operating Altitude:** 12000m
- > **Shock Resistance:** 1500G
- > **ECC Recovery:** Up to 55 bits correctable per 512-byte sector (BCH)  
\*varies depending on exact configuration

## Ordering Information

Description	Capacity	ADATA Part No.
SP900S3 64GB SF2281	64 GB	ASP900S3-64GM-C
SP900S3 128GB SF2281	128 GB	ASP900S3-128GM-C

## Dimensional Drawings

