# ADATA XPG SX910 2.5" SATA SSD

The XPG SX910 SATA 6Gb/s SSD is a SATA 6Gb/s compatible drive with a five-year warranty, which satisfies the varying needs of a wide range of user types. It is equipped with SandForce 2281 controller and the latest optimized firmware, along with strictly screened flash memory chips. This combination yields a major increase in SSD storage capacity and accelerated performance with an outstanding service life.



## Features

- TRIM supported
- NCQ Support
- S.M.A.R.T. supported
- 3.5" desktop conversion bracket
- Acronis True Image HD, Disk Migration Utility
- OS Compatibility: Windows 8 / 7 / XP/ Vista / Mac OS X / Linux

## Ordering Information

| Capacity | Model Number | EAN Code |
|---|---|---|
| 128GB | ASX910S3-128GM-C | 4713435795217 |
| 256GB | ASX910S3-256GM-C | 4713435795408 |
| 512GB | ASX910S3-512GM-C | 4713435795415 |

## Specifications

- Capacities: 128GB/256GB/512GB
- NAND Flash Memory: Synchronous MLC
- Interface: SATA 6Gb/sec (SATA III)
- Controller: SandForce SF-2281
- Form Factor: 2.5 inch
- Dimensions: 100.45 x 69.85 x 7mm (L x W x H)
- Weight: 68g
- Warranty: 5 years
- MTBF: 1,000,000 hours

- Power Consumption: 0.8W Active (Typical), 0.4W Slumber (Typical)
- Operating Temperature: 0~70°C
- Storage Temperature: -40~85°C
- Shock Resistance: 1500G/0.5ms
- Operating Humidity: 10% to 90% RH (0° to 40°C)
- Storing Humidity: 5% to 95% RH (-10° to 40°C)
- ECC Recovery: Up to 55bits/512K-byte sector (BCH)

*Varies depending on exact configuration

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# 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 Iometer (MB/sec) |
|---|---|---|---|---|---|
| 128GB | 550 | 530 | 490 | 190 | 91,000 |
| 256GB | 560 | 540 | 490 | 340 | 91,000 |
| 512GB | 560 | 540 | 490 | 260 | 45,000 |

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

# Dimensional Drawings