

# ADATA XPG SX910 Solid State Drive

## Features

- > 5-Year warranty
- > 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
- > OS Compatibility: Windows 7 / Windows XP / Windows Vista / Mac OS X / Linux



## Specifications

Product Model	SX910
Capacity	128GB/256GB/512GB
Form factor	SATA III 6Gb/sec
NAND Flash	Multi-Level Cell (MLC) NAND Flash Memory
Controller	LSI SandForce SF-2281
Dimensions	100 x 69.85 x 9.5mm (L x W x H)
Weight	76g
Interface	SATA 6Gb/sec
Performance(Max)	Sequential Read: 550 MB/sec Sequential Write: 530 MB/sec IOPS: 50,000 (Maximum 4K Random Read) IOPS: 85,000 (Maximum 4K Random Write)
Power Consumption	0.5W Idle/1.2W Active
Operating temperature	0 °C - 70 °C
Storage temperature	-40 °C - 85 °C
Shock resistance	1500G/0.5ms
MTBF	1,000,000 Hours
ECC Recovery	Up to 55 bits correctable per 512-byte sector (BCH) <small>*varies depending on exact configuration</small>



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Operating Humidity	10% to 90% RH(0° to 40°C)
Storing Humidity	5% to 90% RH(-10° to 40°C)
Max Operating Altitude	12000m
Certification	CE/FCC/VCCI/BSMI
Warranty	5 Years

## Performance

Capacity	Read speed (MB/sec)	Write Speed (MB/sec)	Sequential Read AS-SSD (MB/sec)	Sequential Write AS-SSD (MB/sec)	4K Random Read AS-SSD (MB/sec)	4K Random Write AS-SSD (MB/sec)
128 GB	Up to 550	Up to 520	486	182	115	175
256 GB	Up to 550	Up to 530	510	320	200	240
512 GB	Up to 540	Up to 465	490	240	215	150

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

## Packaging Information

Type	Weight	Dimensions	PCs/Carton	CUFT	Carton Gross Weight	Carton Dimensions
SX910	152g	130 X 138 X 25 mm	40	1.4	7.5	346 X 355 X 300 mm

## Ordering Information

Capacity	EAN Code	ADATA Part No.
128 GB	4713435795217	ASX910S3-128GM-C
256 GB	4713435795408	ASX910S3-256GM-C
512 GB	4713435795415	ASX910S3-512GM-C



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## Dimensional Drawings

