

# ADATA Premier Pro SP600 Solid State Drive

## Features

- > **MTBF:** 1,000,000 hrs
- > **With 128MB DRAM cache buffer**
- > **TRIM Support (requires compatible OS)**
- > **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 8 / 7 / Windows XP / Windows Vista / Mac OS X / Linux



## Specifications

<b>Product Model</b>	SP600	
<b>Capacity</b>	32GB/64GB/128GB	
<b>Form factor</b>	2.5 inch	
<b>NAND Flash</b>	Multi-Level Cell (MLC) NAND Flash Memory	
<b>Controller</b>	JMicron JMF661	
<b>Dimensions</b>	100 x 69.85 x 9.5mm (L x W x H)	
<b>Weight</b>	76g	
<b>Interface</b>	SATA 6Gb/s	
<b>Performance(Max)</b>	AS SSD: Sequential Read: 360 MB/sec Sequential Write: 130 MB/sec	IO Meter: IOPS: 40K (Maximum 4KB Random Read) IOPS: 30K (Maximum 4KB Random Write)
<b>Power Consumption</b>	0.7W Idle/1.5W Active	
<b>Operating temperature</b>	0 °C - 70 °C	
<b>Storage temperature</b>	-40 °C - 85 °C	
<b>Shock resistance</b>	1500G	
<b>MTBF</b>	1,000,000 Hours	
<b>ECC Recovery</b>	Up to 40 bits correctable per 1K-byte sector (BCH) *varies depending on exact configuration	
<b>Operating Humidity</b>	10% to 90% RH (0° to 40°C)	
<b>Storing Humidity</b>	5% to 90% RH (-10° to 40°C)	
<b>Max Operating Altitude</b>	12000m	
<b>Certifications</b>	CE / FCC / VCCI / BSMI	
<b>Warranty</b>	3 Years	



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## Performance

Capacity	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)
32GB	Up to 250	Up to 47	105	40
64GB	Up to 360	Up to 75	150	65
128GB	Up to 360	Up to 130	160	105

\*Test System: Gigabyte GA-Z68AP-D3, Intel i3 2100K, 4GB DDR3 RAM, Windows 7 Professional Version

## Packaging Information

Type	Weight	Dimensions	PCs/Carton	CUFT	Carton Gross Weight	Carton Dimensions
SP600	152g	130 X 138 X 25mm	40	1.4	7.5	346 X 355 X 300mm

## Ordering Information

Product: Premier Pro SP600

Capacity	EAN Code	ADATA Part No.
32GB	4713435795880	ASP600S3-32GM-C
64GB	4713435795897	ASP600S3-64GM-C
128GB	4713435795903	ASP600S3-128GM-C

## Dimensional Drawings

