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

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

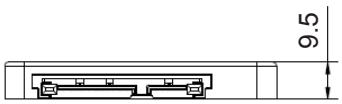
Type	Weight	Dimensions	PCs/Carton	CUFT	Carton Gross Weight	Carton Dimensions
SP600	152g	130 X 138 X 25mm	40	1.4	7.5	346 X 355 X 300mm

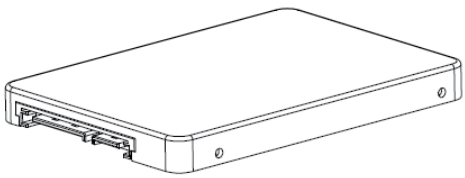
Ordering Information

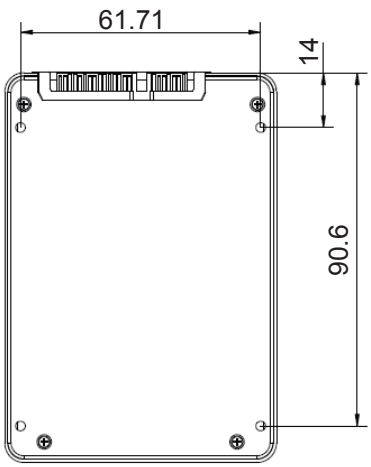
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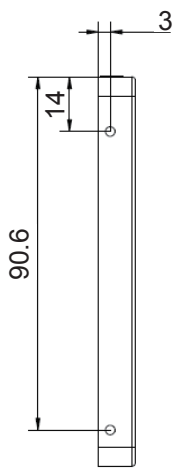
Capacity	EAN Code	ADATA Part No.
32GB	4713435795880	ASP600S3-32GM-C
64GB	4713435795897	ASP600S3-64GM-C
128GB	4713435795903	ASP600S3-128GM-C

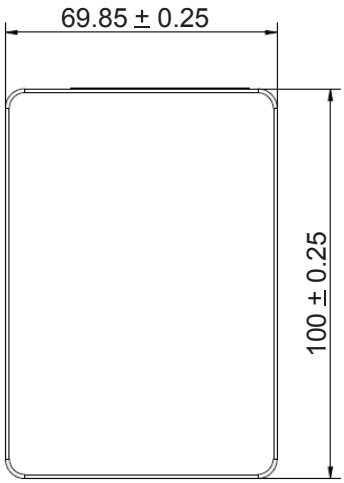
Dimensional Drawings











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