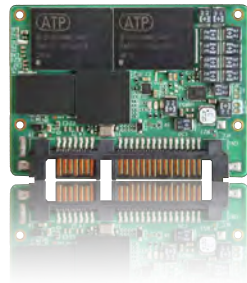




ATP SlimSATA Embedded SSD

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications



ATP SlimSATA modules offer premium performance and reliability. Advanced Wear Leveling extends usage life; PowerProtector provides hardware-based data protection against power fluctuations and failures; and four mounting holes are available for secure installation against shocks and vibrations, making ATP SlimSATA ideal for business-critical industrial PCs, advanced telecommunications computing architecture, single-board computers, surveillance and security, and networking environments.

Key Features

- Global wear leveling
- TRIM function support
- AutoRefresh and Idle Clean F/W algorithm
- Firmware live update
- PowerProtector

Applications

- IPC
- Blades
- AdvancedTCA
- Single board computers
- Surveillance & security
- Networking appliance

Specifications

Product Name		SlimSATA			
Product Line		Premium		Superior	
Naming		A800Pi	A700Pi	A600Si	A600Sc
Flash Type		SLC	iTemp SLC mode	iTemp MLC	MLC
Density		8 GB to 128 GB	64 GB to 256 GB	16 GB to 512 GB	16 GB to 512 GB
Performance	Sequential Read up to (MB/s)	530	550	550	550
	Sequential Write up to (MB/s)	430	440	450	450
	Random Read IOPS up to	76,000	73,700	70,000	70,000
Interface		SATA III 6 Gb/s			
Operating Temperature		-40°C to 85°C		-40°C to 85°C	0°C to 70°C
Endurance	TBW* (max.)	10,667 TB	8,533 TB	1,067 TB	1,280 TB
	DWPD* (max.)	77.9	46.8	2.9	3.5
Reliability MTBF @ 25°C		>5,000,000 hours	>2,000,000 hours	>2,000,000 hours	
Dimensions: L x W x H (mm)		54.0 x 39.0 x 4.0			

* Under highest Sequential write value. May vary by density, configuration and applications.

Technologies & Add-On Services*		S.M.A.R.T.	PowerProtector	Advanced Wear Leveling	AutoRefresh	Dynamic Data Refresh	Secure Erase	Industrial Temperature	Anti-Sulfur Resistors	Conformal Coating
Product Line	Premium	●	●	●	●	●	●	●	Δ	Δ
	Superior	●	●	●	●	●	●	Δ	Δ	Δ

Δ: Customization option available on a project basis.

ATP Global Footprint

To learn more about this product, contact your ATP Representative.

ATP TAIWAN(HQ)

TEL: +886-2-2659-6368
FAX: +886-2-2659-4982
sales-apac@atpinc.com

ATP USA

TEL: +1-408-732-5000
FAX: +1-408-732-5055
sales@atpinc.com

ATP EUROPE

TEL: +49-89-374-9999-0
FAX: +49-89-374-9999-29
sales-europe@atpinc.com

ATP JAPAN

TEL: +81-3-6260-0797
FAX: +81-3-6260-0798
sales-japan@atpinc.com

ATP CHINA

TEL: +86-21-5080-2220
FAX: +86-21-9687-0000-026
sales@cn.atpinc.com

www.atpinc.com