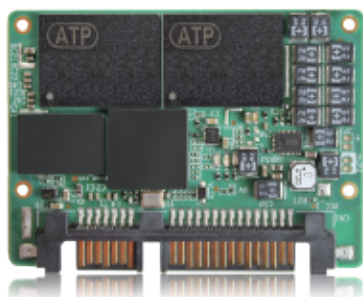




ATP SlimSATA Embedded SSD

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	A600Si	A600Sc
Flash Type		SLC	iTemp MLC	MLC
Density		8 GB to 128 GB	16 GB to 64 GB	16 GB to 64 GB
Performance	Sequential Read up to (MB/s)	530	400	400
	Sequential Write up to (MB/s)	430	80	80
	Random Read IOPS up to	76,000	38,400	38,400
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	145.5 TB	174.6 TB
	DWPD* (max.)	77.9	3.1	3.8
Reliability MTBF @ 25°C		>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.

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