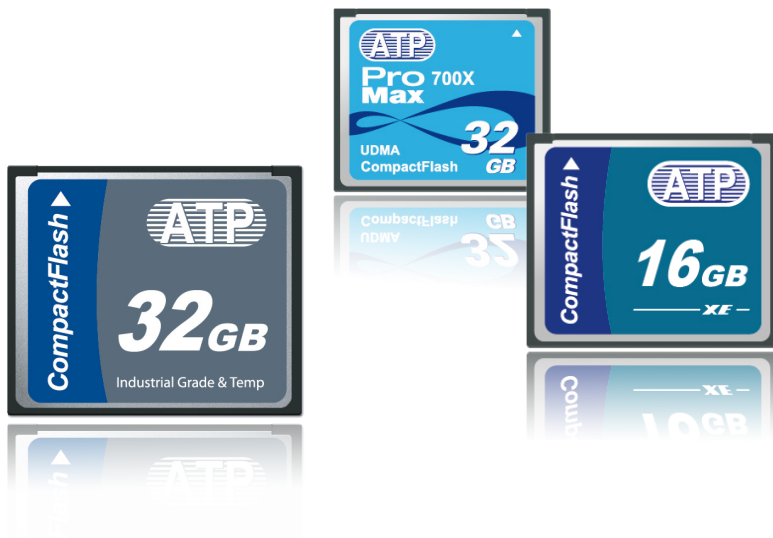




ATP CompactFlash Card Industrial Grade

Targeted Product Portfolio, Engineered Specifically for Your
Mission Critical Applications



CompactFlash cards in the original IDE/PATA interface continue to enjoy wide usage in industrial and embedded environments due to their durability and rugged build.

ATP's industrial CompactFlash cards work best in high-throughput applications requiring speedy transfers of large blocks of data, such as high-definition videos and camera systems.

Industrial temperature-rated CompactFlash cards can operate in critical temperature ranges, from -40°C to 85°C. Superior flash management capabilities such as Advanced Wear Leveling, bad block management, and AutoRefresh technology ensure data integrity, reliability and longevity for a wide range of applications and workloads. ATP's own Power Loss Protection provides hardware-based protection that prevents data loss or corruption due to power losses or fluctuations.

Key Features

- Global wear leveling and bad block management
- AutoRefresh technology
- Power Loss Protection
- Power saving mode
- S.M.A.R.T. support

Applications

- Portable computation
- Automation
- Industrial PC
- Gaming
- On board data storage





Specifications

Product Name		CompactFlash Card		
Product Line		Premium	Superior	
Naming		I800Pi	I700Sc	I600Sc
Flash Type		SLC	Pseudo SLC	MLC
Performance	Density	512 MB to 32 GB	8 GB to 16 GB	16 GB to 32 GB
	Sequential Read up to (MB/s)	61	110	108
	Sequential Write up to (MB/s)	55	80	46
Interface		UDMA 0~4	UDMA 0~6	
Operating Temperature (Tcase)*		-40°C to 85°C	0°C to 70°C	
Endurance	TBW** (max.)	1,280 TB	128 TB	38 TB
	MTBF @ 25°C	>5,000,000 hours	>2,000,000 hours	
Reliability Number of Insertions		10,000 minimum		
Dimensions: L x W x H (mm)		36.4 x 42.8 x 3.3		

* Case Temperature, the composite temperature as indicated by SMART temperature attributes.

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

Technologies & Add-On Services	S.M.A.R.T.	Hardware-based Power Loss Protection	Advanced Wear Leveling	AutoRefresh	Dynamic Data Refresh	Industrial Temperature	Anti-Sulfur Resistors	Conformal Coating
Premium	●	●	●	●	●	●	Δ	Δ
Superior	●		●	●	●		Δ	Δ

Δ: Customization option available on a project basis.

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

ATP Global Footprint

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