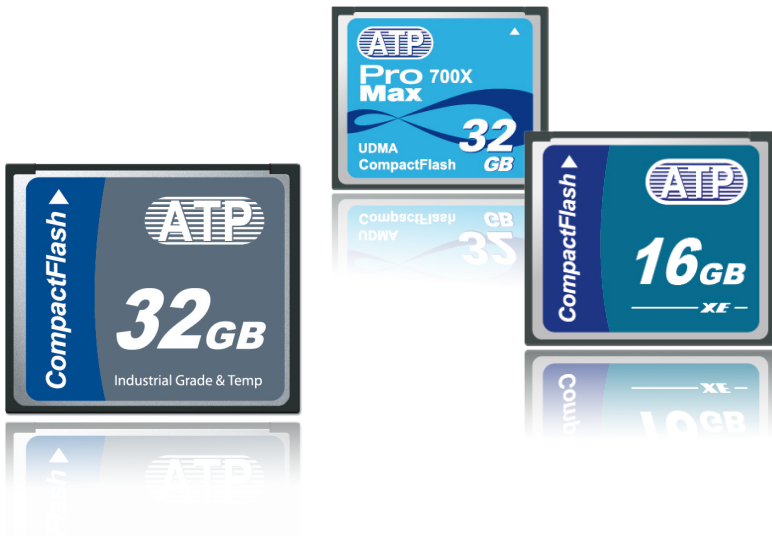




# ATP CompactFlash Card Industrial Grade

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		
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

#### 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