



CompactFlash card

The Global Leader in Specialized Storage and Memory Solutions



KEY FEATURES

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

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.

Power Loss Protection options include firmware and/or hardware-based protection that prevents data loss or corruption due to power losses or fluctuations.

Specifications

Product Line	Premium		Superior
	I800Pi	I700Pc	I600Sc
Interface	UDMA 0~4		UDMA 0~7
Flash Type	SLC	Pseudo SLC	MLC
Form Factor		CF Type I	
Operating Temperature	-40°C to 85°C		0°C to 70°C
Power Loss Protection Options		Firmware Based	
Optional SED Features		-	
Capacity	512 MB to 32 GB	8 GB to 16 GB	16 GB to 32 GB
Performance			
Sequential Read (MB/s) up to	61	110	108
Sequential Write (MB/s) up to	55	80	46
Endurance and Reliability			
Endurance (TBW) ¹ up to	1,280 TB	255 TB	38 TB
Reliability MTBF @ 25°C	>5,000,000 hours		>2,000,000 hours
Reliability Number of Insertions		10,000 minimum	
Others			
Dimensions (mm)		36.4 x 42.8 x 3.3	
Certifications		CE, FCC, RoHS, UKCA	
Warranty	5 years		3 years

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

Technologies	S.M.A.R.T./ Life Monitor	Industrial Temperature	Firmware-Based Data-At-Rest Power Loss Protection	Hardware-Based In-Flight-Data Power Loss Protection	Advanced Wear Leveling	AutoRefresh	Dynamic Data Refresh
Premium I800Pi	○	○	○	○	○	○	○
Premium I700Pc	○		○		○	○	○
Superior I600Sc	○		○		○	○	○



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Product spec and its related information are subject to change without advance notice.

Please refer to www.atpinc.com for latest information

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