

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	1800Pi	1700Pc	1600Sc						
Interface	UDMA 0~4 UDMA 0~6								
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	Hardware + Firmware Based 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	256 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 vears 3 vears								

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

Technol								
Premium		0	0	0	0	0	0	0
Premium		0		0		0	0	0
Superior	1600Sc	0		0		0	0	0



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

Please refer to <u>www.atpinc.com</u> for latest information

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