



ATP Industrial Grade CompactFlash Card

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications



ATP Industrial Grade CompactFlash Card has enhanced endurance levels for extended product life cycle by utilizing selected SLC NAND flash and Advanced Wear Leveling technology. Moreover, the implemented AutoRefresh technology monitors the error bit levels during each read operation to better ensure data integrity.

Key Features

- SLC (Single-Level-Cell) NAND Flash with a longer lifespan
- Enhanced endurance with Advanced Wear Leveling algorithm
- Bad Block Management
- Read Disturb Protector - AutoRefresh to ensure data integrity during read operation
- Built-in hardware-based data protection technology during power failure - PowerProtector
- Supports S.M.A.R.T. ATA feature set

Applications

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



Specifications

Product Name	CompactFlash Card	
Flash Type	SLC	MLC*
Density	512MB to 32GB	8GB to 32GB
Performance	Sequential Read up to 61 MB/s	Sequential Read up to 110 MB/s
	Sequential Write up to 55 MB/s	Sequential Write up to 46 MB/s
Interface	UDMA 0~7	
Operation Temperature	-40°C to 85°C	0°C to 70°C
Reliability	Advanced Wear Leveling & Bad Block Management	
	TBW** (max.) : 640 TB	TBW** (max.) : 38.4 TB
	MTBF @25°C: >5,000,000 hours	
	Number of Insertions: 10,000 minimum	
Dimensions: LxWxH (mm)	36.4 x 42.8 x 3.3	

* Available on a project basis.

** All TBW data listed are under highest random write value in each product line. The TBW data are subject to change by density, configuration and customers' applications.

Ordering Information

Density	SLC	MLC*
512MB	AF512CFI-OEM	-
1GB	AF1GCFI-OEM	-
2GB	AF2GCFI-OEM	-
4GB	AF4GCFI-OEM	-
8GB	AF8GCFI-OEM	AF8GCFP3-OEM
16GB	AF16GCFI-OEM	AF16GCFP7-OEM
32GB	AF32GCFI-OEM	AF32GCFP7-OEM

* Available on a project basis.

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