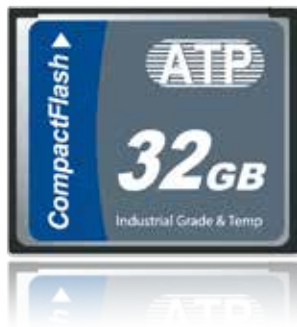




ATP Industrial Grade CompactFlash Card

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications



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



Life Monitor



PowerProtector



Secure Erase



Shock Resistance



AutoRefresh



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 0~6 | |
| Operation Temperature | -40°C to 85°C | 0°C to 70°C |
| Reliability | Advanced Wear Leveling & Bad Block Management | |
| | TBW** (max.) : 1,280 TB | TBW** (max.) : 38.4 TB |
| | MTBF @25°C: >5,000,000 hours | MTBF @25°C: >2,000,000 hours |
| | Number of Insertions: 20,000 minimum | |
| Dimensions: LxWxH (mm) | 36.4 x 42.8 x 3.3 | |

* Available on a project basis.

** All TBW data listed are under highest sequential 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-TADXP | - |
| 1GB | AF1GCFI-TADXP | - |
| 2GB | AF2GCFI-TADXP | - |
| 4GB | AF4GCFI-TACXP | - |
| 8GB | AF8GCFI-TACXP | AF8GCFP3-TAAXX |
| 16GB | AF16GCFI-TACXP | AF16GCFP7-TAAXX |
| 32GB | AF32GCFI-TABXP | AF32GCFP7-TAAXX |

* Available on a project basis.

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: +81-3-6206-8097
FAX: +81-3-6206-8098
sales-japan@atpinc.com

ATP CHINA

TEL: +86-21-5080-2220
FAX: +86-21-9687-0000-026
sales@cn.atpinc.com