

Apacer

The Most **Reliable**
Storage For Industries

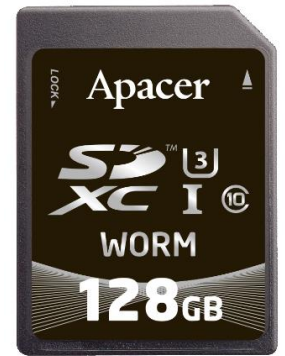
SD-WORM



SD-WORM

Overview

Apacer industrial SD-WORM (Write Once Read Many) Card is a product that provides data storage protection by allowing data to be written once, preventing it from being erased, modified, or overwritten. This write protection function ensures that the data cannot be tampered with once it is written to the device.



Apacer SD-WORM Card complies with SD card version 6.1. The command list is compatible with [Part 1 Physical Layer Specification Ver6.1 Final] definitions, while the Card Capacity of Non-secure Area, Secure Area supports [Part 3 Security Specification Ver3.0 Final] Specifications. Furthermore, the SD card is compatible with SD protocol. With built-in ECC, wear-leveling and bad block management, this industrial SD card serves as an ideal portable storage solution.

Feature

- Built-in advanced ECC algorithm
- Global Wear Leveling
- Flash bad-block management
- Power Failure Management
- Flash Translation Layer: Page Mapping
- S.M.A.R.T.
- SMART Read Refresh™

Specifications

Model	SD-WORM
Interface	SD 6.1
Form Factor	SD
NAND Flash Type	MLC
Capacity	8GB~128GB
External DRAM	No
Sustained Read Performance (MB/sec)	Up to 75
Sustained Write Performance (MB/sec)	Up to 65
ECC Engine	Built-in advanced ECC algorithm
Standard Operating Temperature (°C)	-25 ~ + 85
Storage Temperature (°C)	-40 ~ + 85
Shock	1,500G, 0.5ms
Vibration	20Hz~80Hz/1.52mm (frequency/displacement) 80Hz~2,000Hz/20G (frequency/accelerate)
Operating Voltage	2.7V ~ 3.6V
Power Consumption	Active mode: 200 mA & Idle mode: 255 uA
Dimension (L x W x H)	32 x 24 x 2.1 mm
MTBF (hours)	>3,000,000

Mechanical Specification



For more information,
contact your Apacer representative

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