

CompactFlash Cards

Industrial Temp CF220I CF Card



Ruggedized and featuring excellent temperature flexibility while delivering on performance, Transcend's CF220I Industrial Temp CF cards are specifically designed for industrial use and mission-critical applications.



Features

- CompactFlash Specification Version 6.0 compliant
- RoHS compliant product
- Support S.M.A.R.T (Self-defined)
- Support Security Command
- Support Global Wear-Leveling, Static Data Refresh, Early Retirement, and Erase Count Monitor functions to extend product life
- Operation Modes: PC Card Memory, PC Card IO, True IDE
- True IDE Mode supports: UDMA0-5, MDMA0-4, PIO0-6 (UDMA5 as default)
- True IDE Mode: Fixed Disk (Default)
- PC Card Mode: Fixed Disk (Default)
- Power Shield prevents data loss in the event of a sudden power outage



Specifications

Appearance

Dimensions (Max.)	42.8 mm x 36.4 mm x 3.3 mm (1.69" x 1.43" x 0.13")
Pin	50 pin
Form Factor	Compact flash card

Storage

Flash Type	SLC NAND flash
Capacity	128 MB / 256 MB / 512 MB / 1 GB / 2 GB / 4 GB / 8 GB / 16 GB / 32 GB

Operating Environment

Operating Voltage	3.3V±5% 5V±10%
Operating Temperature	-40°C (-40°F) ~ 85°C (185°F)
Storage Temperature	-55°C (-67°F) ~ 100°C (212°F)

Humidity	0% ~ 95%
Shock	Acceleration: 490 m/s ² (standard holding time: 11 ms, semi-sine wave, velocity change: 3.44 m/s)
Vibration (Operating)	20 G (peak-to-peak), 20 Hz ~ 2,000 Hz (frequency)

Power

Power Consumption (Max.)	0.76 watt(s)
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Performance

Read Speed (Max.)	87 MB/s
Write Speed (Max.)	79 MB/s
Mean Time Between Failures (MTBF)	3,000,000 hour(s)
Note	Speed may vary due to host hardware, software, usage, and storage capacity.

Warranty

Warranty	Three-year Limited Warranty
Warranty Policy	<ul style="list-style-type: none"> Please click here for more information about the Transcend Warranty Policy. Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios. For special applications and environments, it is strongly suggested that you contact Transcend beforehand for clarification.

Order Information

128MB

TS128MCF220I SLC

256MB

TS256MCF220I SLC

512MB

TS512MCF220I SLC

1GB

TS1GCF220I SLC

2GB

TS2GCF220I SLC

4GB

TS4GCF220I SLC

8GB

TS8GCF220I SLC

16GB

TS16GCF220I SLC

32GB

TS32GCF220I SLC



Product Sheet

View or download the product sheet for detailed product and ordering information.

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