

Embedded Solutions



CompactFlash Cards

CF100I

Built extra-rugged with excellent temperature flexibility and high performance, Transcend's CF100I Industrial Temp CF cards are specifically designed for industrial use and mission-critical applications.

Hardware Features

- Compliant with RoHS 2.0 standards
- Compliant with CompactFlash specification 4.1
- Durability: 10,000 insertion/removal cycles

Ordering Information

1GB	TS1GCF100I
2GB	TS2GCF100I

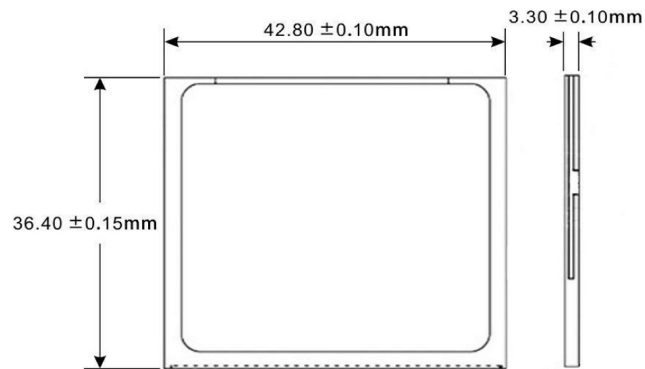
Firmware Features

- Enhanced S.M.A.R.T. function for durability
- Security Command
- Wear-Leveling
- Static Data Refresh
- Erase Count Monitoring

Specifications

Appearance	Dimensions	42.8 mm x 36.4 mm x 3.3 mm (1.69" x 1.43" x 0.13")
	Pin Count	50 pin
	Form Factor	Compact flash card
Storage	Flash Type	SLC NAND flash
	Capacity	1 GB / 2 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 ~ 2000 Hz (frequency)
Power	Power Consumption (Max.)	0.36 watt(s)
Performance	Read Speed (Max.)	up to 25 MB/s
	Write Speed (Max.)	up to 10 MB/s
	Mean Time Between Failures (MTBF)	4,000,000 hour(s)
	Terabytes Written (Max.)	TBW
Warranty	Warranty	Three-year Limited Warranty

Mechanical Dimensions



Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment. 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.