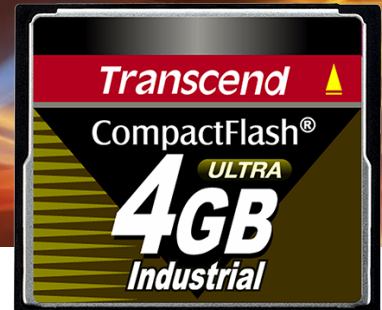**Embedded Solutions**

CompactFlash Cards
Industrial Temp CF100I CF Card

Wide Temperature

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.

Features

- CompactFlash Specification Version 4.1 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: UDMA0-4, MDMA0-4, PIO0-6
- True IDE Mode: Fixed Disk (Default)
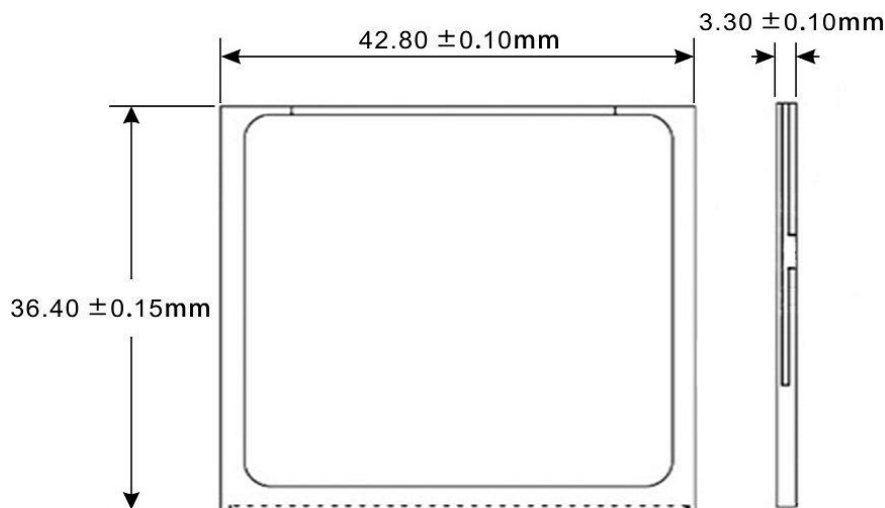- PC Card Mode: Fixed Disk (Default)

Ordering Information

1GB	TS1GCF100I
2GB	TS2GCF100I
4GB	TS4GCF100I

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	1 GB/2 GB/4 GB
Operating Environment	Operating Voltage	3.3V±5% or 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.)	0.33 watt(s)
Performance	Read Speed (Max.)	30 MB/s
	Write Speed (Max.)	20 MB/s
	Mean Time Between Failures (MTBF)	4,000,000 hour(s)
Warranty	Warranty	Three-year Limited Warranty
Note	• Speed may vary due to host hardware, software, usage, and storage capacity.	

Mechanical Dimensions

Please feel free to contact us with any special requests you might have.
Tel: +886-2-2792-8000   www.transcend-info.com