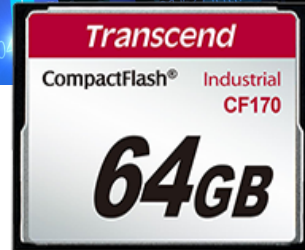


## Embedded Solutions



## CompactFlash Cards CF170

Boasting a high-speed data transfer rate and extra large capacity, Transcend's industrial CF170 CompactFlash cards are perfect for embedded systems, medical instruments, road surveillance systems, and other industrial applications having high performance and capacity demands. Thanks to their use of Static Data Refresh and Early Retirement technology, CF170 CF cards feature error correction capability, maintain data integrity, and have an extended lifespan.

### Hardware Features

- Compliant with RoHS 2.0 standards
- Compliant with CompactFlash specification 6.0
- Durability: 10,000 insertion/removal cycles
- Intelligent Power Shield (IPS) to prevent data loss in the event of sudden power outage

### Firmware Features

- Enhanced S.M.A.R.T. function for durability
- Wear-Leveling
- Security Command
- Static Data Refresh
- Early Retirement

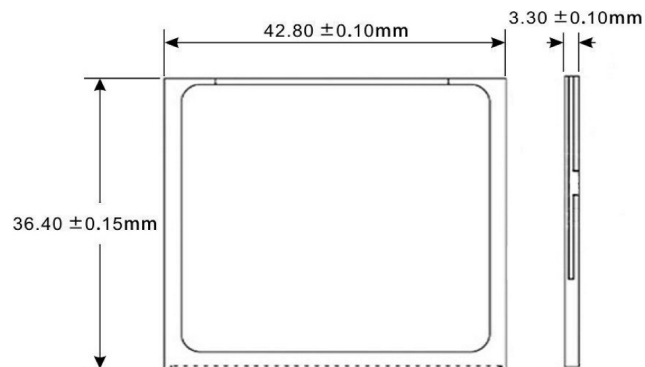
### Ordering Information

4GB	TS4GCF170
8GB	TS8GCF170
16GB	TS16GCF170
32GB	TS32GCF170
64GB	TS64GCF170

## Specifications

<b>Appearance</b>	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
<b>Storage</b>	Flash Type	MLC NAND flash
	Capacity	4 GB / 8 GB / 16 GB / 32 GB / 64 GB
<b>Operating Environment</b>	Operating Voltage	3.3V±5% 5V±10%
	Operating Temperature	-25°C (-13°F) ~ 85°C (185°F)
	Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
	Humidity	0% ~ 95%
	Shock	Acceleration: 490 m/s <sup>2</sup> (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)
<b>Power</b>	Power Consumption (Max.)	0.64 watt(s)
<b>Performance</b>	Read Speed (Max.)	up to 87 MB/s
	Write Speed (Max.)	up to 68 MB/s
	Mean Time Between Failures (MTBF)	1,000,000 hour(s)
<b>Warranty</b>	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.