

Embedded Solutions



CFast 2.0 Cards

CFX700I CFast 2.0 Card

Wide Temperature

Compliant with the next-generation CFast 2.0 specifications and combining a SATA III interface with built-in SLC NAND flash, Transcend CFX700I cards assure high-speed data transfer rates and robust stability especially suitable for industrial-grade applications. In a light, portable form factor, Transcend CFX700I cards can be used as bootable disks and perform on the level of an SSD at a cost-effective price.

Features

- RoHS compliant
- CFast Specification Version 2.0 compliant
- Support S.M.A.R.T (Self-defined)
- Support Security Command
- Support Device Sleep
- Built-in Error Correcting Code (ECC) functionality to ensure high reliability of data transfer
- Support Global Wear-Leveling algorithm to extend product life

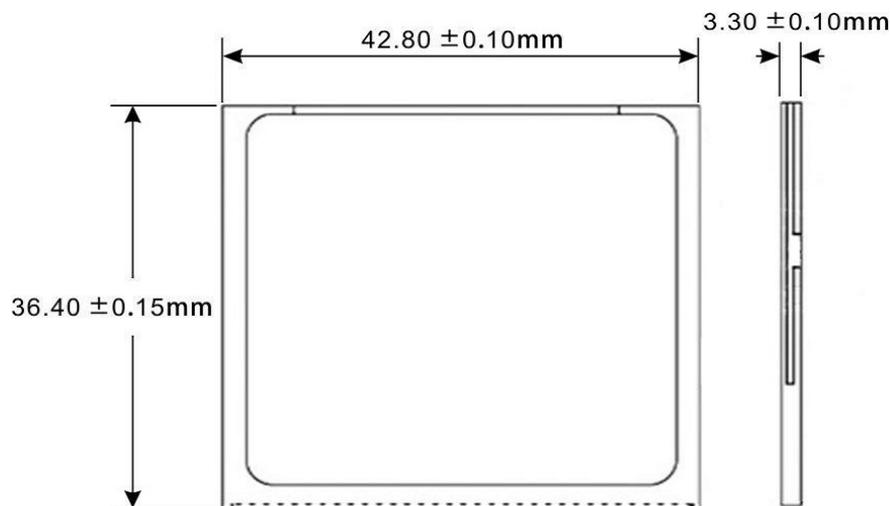
Ordering Information

8GB	TS8GCFX700I
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Specifications

Appearance	Dimensions (Max.)	42.8 mm x 36.4 mm x 3.3 mm (1.69" x 1.43" x 0.13")
	Form Factor	Compact flash card
Interface	Bus Interface	SATA III 6Gb/s
Storage	Flash Type	SLC NAND flash
	Capacity	8GB
Operating Environment	Operating Voltage	3.3V±5%
	Operating Temperature	-40°C (-40°F) ~ 85°C (185°F)
	Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
	Humidity	0% ~ 95%
	Shock	1500 G, 0.5 ms, 3 axis
	Vibration (Operating)	3 G (peak-to-peak), 5 Hz ~ 800 Hz (frequency)
Power	Power Consumption (Max.)	0.59 watt(s)
Performance	Read Speed (Max.)	150 MB/s
	Write Speed (Max.)	75 MB/s
	Mean Time Between Failures (MTBF)	1,000,000 hour(s)
Warranty	Warranty	Three-year Limited Warranty
Note	• Speed may vary due to host hardware, software, usage, and storage capacity.	

Mechanical Dimensions



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.



Please feel free to contact us with any special requests you might have.
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