CFast 2.0 Cards

CFX700 CFast 2.0 Card

Compliant with the next-generation CFast 2.0 specifications and combining a SATA III interface with built-in SLC NAND flash, Transcend CFX700 cards assure high-speed data transfer rates and robust stability especially suitable for industrial-grade applications. In a light, portable form factor, Transcend CFX700 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
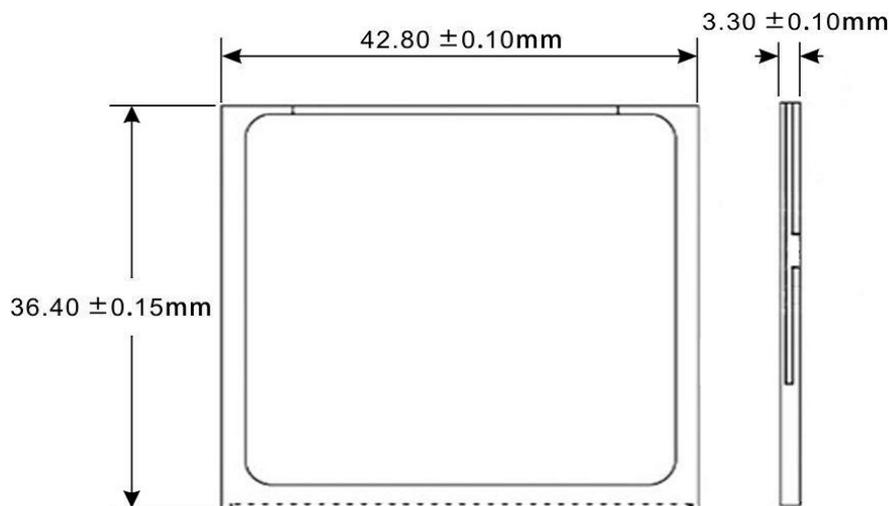- Support Global Wear-Leveling algorithm to extend product life

Ordering Information

16GB	TS16GCFX700
32GB	TS32GCFX700

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	16 GB/32 GB
Operating Environment	Operating Voltage	3.3V±5%
	Operating Temperature	-5°C (23°F) ~ 70°C (158°F)
	Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
	Humidity	0% ~ 95%
	Shock	Acceleration: 490 m/s² (standard holding time: 11 ms, semi-sine wave, velocity change: 3.44 m/s)
	Vibration (Operating)	3 G (peak-to-peak), 5 Hz ~ 800 Hz (frequency)
Power	Power Consumption (Max.)	1.19 watt(s)
Performance	Read Speed (Max.)	530 MB/s
	Write Speed (Max.)	256 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

42.80 ±0.10mm   3.30 ±0.10mm   36.40 ±0.15mm

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