



Embedded Solutions

CFast Card

Transcend's CFast cards offer high-speed data transfer rates, extra large storage capacity options and robust stability especially suitable for industrial-grade applications. Featuring the SATA III interface, the CFast cards are designed to perform like SSDs, and thus are extremely well-suited for being used as bootable disks.

Features

- RoHS compliant
- Outstanding read/write speeds
- CFast 1.0 and CFast 2.0 specifications compliant
- Fully compatible with devices and OS that support the SATA 3.0Gb/s standard
- Light and portable as bootable disks
- Supports S.M.A.R.T (self-defined)
- Supports Global Wear-Leveling, Static Data Refresh, Early Retirement, and Erase Count Monitor functions for extended product life



Specifications



	CFX520	CFX520I	CFX600	CFX700	CFX700I
Interface	SATA II 3Gb/s		SATA III 6Gb/s		
Flash Type	SLC		MLC	SLC	
Connector	CFast 24-pin				
CFast Specification	CFast 2.0 / 1.1				
Capacity	4GB	2GB~4GB	16GB~256GB	8GB~32GB	8GB
Sequential Read*	96 MB/s	97 MB/s	515 MB/s	530 MB/s	
Sequential Write*	58 MB/s	60 MB/s	350 MB/s	260 MB/s	
Operating Temperature	-5°C~70°C	-40°C~85°C	-5°C~70°C		-40°C~85°C
Storage Temperature	-40°C~85°C				
Humidity	0%~95%				
Shock	1,500G, 0.5ms, 3 axis				
Vibration	3G (peak-to-peak), 5Hz to 800Hz (frequency)				
Operating Voltage	3.3V±5%				
Power Consumption	2.5W				
Dimensions (max.)	42.8 x 36.4 x 3.3mm				
MTBF	1,000,000 hours				
Warranty	Three-year Limited Warranty				

*Maximum performance shown. Performance varies by capacity, user hardware, and system configuration.

Ordering Information

CFX520	SLC	TS2GCFX520I	2GB	CFX600	MLC	TS16GCFX600	16GB	CFX700	SLC	TS8GCFX700	8GB
		TS4GCFX520	4GB			TS32GCFX600	32GB			TS8GCFX700I	8GB
		TS4GCFX520I	4GB			TS64GCFX600	64GB			TS16GCFX700	16GB
						TS128GCFX600	128GB			TS32GCFX700	32GB
						TS256GCFX600	256GB				

Drawing

CFX card

