

- Single-Level Cell (SLC) NAND Flash
- Compliance with CFast v1.1
- SATA 3.2Gb/s Interface High-Speed Access
- Tested under Extreme Conditions
- Support Security Erase & Power Loss Protection
- Designed with LDPC ECC engine
- SSD Life Monitor Software S.M.A.R.T Available
- Fixed BOM
- Made in Taiwan



TS Connect Industrial CFast C24-11 series delivers all the advantages of Flash Disc Technology with the Serial ATA III Interface and is fully compliant with the standard CFast form factor. The specification was created that allows for new applications in the embedded and Military/Defense, Surveillance, Industrial and Aerospace Markets.

The CFast C24-11 series contains a 24-pin Connector consisting of a SATA- compatible 7-pin Signal Connector and a 17-pin Power and Control Connector. The CFast card C24-11 series can be operated using a single 3.3Vdc ($\pm 5\%$) Low Power Source and supports three SATA power management states: Active, Partial, and Slumber.

Comparing to older CompactFlash with ATA/IDE Interface, The CFast C24-11 series features High-Speed Data Transfer rate of up to 540MB/s Read Speed and 300MB/s Write Speed.

TS Connect Industrial CFast C24-11 series built with SLC NAND Flash that has higher endurance and longer product Lifespan. The product lineup features Capacities of 8GB to 64GB and is capable of operating in temperatures ranges from -40°C to $+85^{\circ}\text{C}$.

Technical Shortform Specification					
Electric Data	Capacity:	8GB	16GB	32GB	64GB
	Interface:	SATA Revision 3.2			
	Connector:	CFast Type I			
	DC Input Voltage:	3.3Vdc ($\pm 5\%$)			
	Power Consumption:	100mA (Typical.)			
	Transfer Rate SLC:	Read: 540MB/s		Write: 300MB/s	
Environment Data	Operating TEMP.:	Commercial: 0°C to $+70^{\circ}\text{C}$		Industrial/MIL: -40°C to $+85^{\circ}\text{C}$	
	Storage TEMP.:	-40°C to $+85^{\circ}\text{C}$			
	Humidity:	RH 93% below $+40^{\circ}$		RH 95% below $+55^{\circ}\text{C}$ In Operation	
Reliability	Altitude:	80.000ft			
	MTBF:	3.000.000 Hours			
	Insertion Reliability:	10.000 Times Minimum			
	Data Retention:	>10 Years			
	S.M.A.R.T.:	Yes			
	Secure Erase:	Yes			
	Trim:	Yes			
	Firmware Update:	Yes			
	Over Provision:	Yes			
	Fixed BOM:	Yes			
Mechanical	Dimensions (L x W x H):	36.4 x 42.8 x 3.3mm			
	Weight:	9g ± 2 g			
Certifications	Approvals:	CE / FCC / BSMI / RoHS			

* For Complete Datasheet and Drawing Please Contact TS Connect AB / Power Outlet