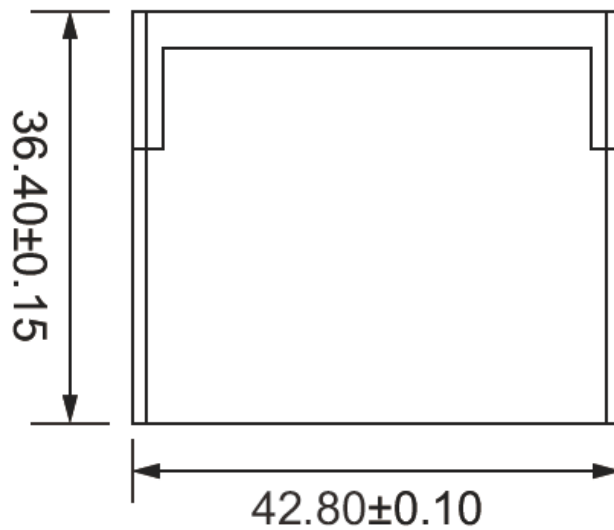


CFast Series



MemxPro CFast is a small form factor card with high data storage capacity. It is suitable for various industrial applications and professional imaging and video markets. Compliant with the CFast2.0 standard, it is designed with a 7+17 pin connector and is electrically compatible with SATA-IO compliant products

- Compliant with CFast2.0 standard.
- SATA III interface running at up to 6Gb/s.
- SLC/StrongMLC/MLC versions in standard, extended and industrial grade temperature ranges.
- Global wear leveling, bad block management with built-in ECC and optional security features.
- SMARTPro device monitoring tool or SDK library support.



Product Model	CFast M3B	CFast G3B	CFast S3B
Interface	SATA III	SATA III	SATA III
Form Factor	CFast Type I	CFast Type I	CFast Type I
Flash Type	MLC	StrongMLC	SLC
Max. Channel	4	4	4
Density	16GB~256GB	8GB~128GB	4GB~16GB
Sequential R/W (MB/sec, max.)	526/100	509/157	158/142
Operating Temperature	0°C~+70°C/-25°C~+85°C/-40°C~+85°C		
Max. Power Consumption	3.6W (3.3Vx1090mA)		
Dimensions (LxWxH/mm)	36.4x42.8x3.6		
Operating Voltage	3.3V±5%		
Storage Temperature	-55°C~+95°C		
External DRAM Buffer	N/A		
Thermal Sensor	✓	✓	✓
DEVSLP Mode	<5mW		
ATA Security	✓	✓	✓
S.M.A.R.T.	✓	✓	✓
TRIM	✓	✓	✓
Vibration	20G (7~2K Hz)		
Shock Resistance	1500G@0.5ms		
MTBF	>3 million hours		

Note: SLC products are supported upon request with MOQ requirement.

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