

## ■ ■ CFast™ Storage Card

### Revolutional Storage Product



CFast Storage Card

SuperTalent's new CFast™ Storage Cards offers performance and compatibility to next generation portable devices.

The new high definition Digital SLRs and Video Cameras have driven the need for high performance, removable media beyond what the current CF and SD card interfaces can support. To answer this need, the new CFast standard has been created and promises to gain broad acceptance. Governed by the CFA, the new CFast standard incorporates two successful standards into one portable device. It's the familiar SATA interface packaged in the standard Compact Flash (CF) card form factor. By incorporating a SATA interface, the CFast standard delivers true SSD performance, up to 375MB/s; That's a 4x improvement over the fastest 600x CF card. No stranger to the digital camera market, the CF card, provides a drop in solution with a known form factor for which the doors, draws and alignment trays are already established and tested.

With the Super Talent CFast Storage Card, long wait times between shots will become a thing of the past and download times will be dramatically reduced.

### Physical Specifications

Capacity*	8GB - 32GB
Dimension	36.4 x 42.8 x 3.3 mm
Interface	SATA-II 3Gb/s
NAND Flash	MLC / SLC
Power Supply	5Vcc +/-5%

- Large Capacities 8GB – 32GB
- High Performance:
  - MLC 40MB/s Write (100MB/s Read)
  - SLC 70MB/s Write (100MB/s Read)

### Environmental Specifications

Operating Shock	1500G
Operating Vibration	16G
Operating Temperature	0C to +70C
Operating Humidity	5 to 90%

### Endurance Specifications

MTBF	+1,000,000 hours
Data Reliability	Built-in EDC/ECC function
Data Integrity	5 years
Wear Leveling Algor.	Patent Pending
Bad bit management built-in	

### Performance Specifications

	MLC	SLC
Seq. Read (max)	100 MB/sec	100 MB/sec
Seq. Write (max)	40 MB/sec	70 MB/sec
Access Time	1ms	1ms

### OEM Ordering Information

	MLC	SLC
8GB	CFAST8GM	CFAST8GS
16GB	CFAST16GM	CFAST16GS
32GB	CFAST32GM	