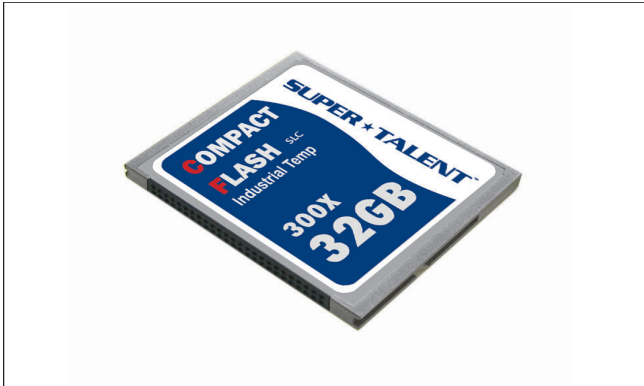# I-Temp CompactFlash® Card

Most industry desired SSD

I-Temp CompactFlash® Card

Industrial standard CompactFlash® card is the main SSD for non-consumer applications. It provides an incredible high-performance and high-reliability memory vehicle for any electronic application based on Flash memory. CompactFlash® card is used in airplanes, helicopters, locomotives, various medical devices, B2 bombers, defibrillators, slot machines, and many other industrial machines. Industrial-grade cards are made to endure severe operating conditions, like high and low operating temperature, continuous vibration, shock, high altitudes, humidity, etc. These products have been tested extensively to ensure high-performance and stability, and support both 3.3V and 5V operation systems.

Super Talent 300x High-Speed I-temp CompactFlash® card is one of the fastest industrial standard CF card in the market. It's reliable, durable and adaptive to extreme environment. With the read speed of 48MB/s and write speed of 42MB/s, I-Temp CF card can satisfy most industrial applications.

- SLC NAND Flash
- Platform Independence
- Fast Time to Market - No Driver Required
- 8GB - 16GB capacities

Physical Specifications

Capacity*	8GB - 16GB
Dimension	36.4 x 42.8 x 3.3 mm
Type	Type I
NAND Flash	MLC
Power Supply	3.3v / 5v
Enclosure	Metal

Environmental Specifications

Operating Shock	2000G
Operating Vibration	16G
Operating Temperature	-40 °C to +85 °C
Operating Humidity	8% to 95%

Endurance Specifications

MTBF	+2,000,000 hours
Data Reliability	Built-in 32-bit ECC
Data Integrity	5 years
Warranty	1 year

Performance Specifications

Seq. Read (max)	Up to 48 MB/sec
Seq. Write (max)	Up to 45 MB/sec

OEM Ordering Information

8GB 300X	CFI/8G-300
16GB 300X	CFI/16-300
16GB 600X	CFI/16-600
32GB 300X (coming)	CFI/32-300
32GB 600X (coming)	CFI/32-600