

# CSM SuperStore ATA red

Professional-Line

- ▶ High-class ATA Card from CSM
- ▶ Capacities from 128 MB to 64 GB
- ▶ Full Metal housing
- ▶ Write cycles approx. 3,000,000
- ▶ Transfer rate read/write up to 35/20 MB/s
- ▶ Operating temperature: - 40 °C to +85 °C
- ▶ Advanced defect block management
- ▶ Error correction of 4 bit random error / sector
- ▶ Dynamic Wear-Leveling
- ▶ Optional: Customized labeling



With **SuperStore ATA red** CSM presents a new memory card of the Professional-Line. Due to its extremely robust full metal housing the card is perfect for use in industrial applications with highest demands e.g. in farming machinery, construction and rail vehicles, industrial personal computers, machine construction, medical equipment, measurement technology, avionics and safety systems.

The **SuperStore ATA red** uses Tiger Controllers and Samsung NAND Flash. These are very reliable and fast. Each card is tested before delivery. The traceability is guaranteed by a serial number.

Additional to the standard product, CSM offers a number of extra services, like labeling service, customized formatting and programming of the cards.

Specifications	SuperStore ATA red		
Number of pins:	68		
Capacity:	128 MB to 64 GB		
Dimensions:	L: 85.6 mm, W: 54.0 mm, H: 5.0 mm (PC Card Type II)		
Interface:	PC Card ATA and IDE: UDMA 5 & PIO Mode 6		
Access:	Random Access, 512 Byte sector size		
Transfer rate read/write up to:	35/20 MB/s		
Write cycles:	approx. 3,000,000		
MTBF:	3,000,000 h		
Data bus:	8 Bit / 16 Bit		
Insertion cycles:	min. 10,000		
Operating temperature:	- 40 °C to +85 °C		
Humidity:	max. 95%, non-condensing		
DC input voltage (VCC):	3.3 V or 5 V		
Typical system power requirements:	Read	Write	Standby
	80 mA (3,3 V) 84 mA (5 V)	75 mA (3,3 V) 96 mA (5 V)	1,1 mA (3,3 V) 9,3 mA (5 V)
Vibration (peak to peak):	20 G		
Shock operating:	max. 50 G		

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