Embedded Solutions

SD Cards
SDXC/SDHC Class 10

Built with top-quality MLC NAND Flash chips, Transcend's industrial SDXC/SDHC Class 10 memory cards can endure operating temperatures from -25°C to 85°C; and set a new standard for consistent, long-term performance even in the harshest conditions. Moreover, these cards offer high-speed Class 10 data transfer rates and extra large storage space to satisfy the demanding performance and capacity requirements of industrial applications.

Features

- RoHS compliant
- Manufactured with MLC NAND Flash chips for extra endurance and stability
- Class 10 speed rating guarantees fast and reliable write performance
- Compatible with SD Specification Ver. 3.0
- Mechanical write protection switch
- Support Copy Protection for Recorded Media (CPRM) for SD-Audio
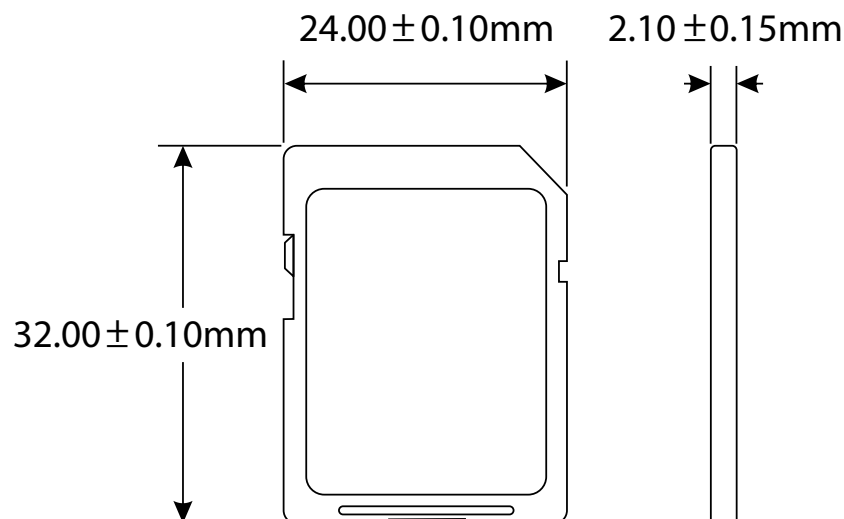- Built-in Error Correcting Code (ECC) to detect and correct transfer errors

Ordering Information

8GB	TS8GSDHC10M
16GB	TS16GSDHC10M
32GB	TS32GSDHC10M
64GB	TS64GSDXC10M
128GB	TS128GSDXC10M

Specifications

Appearance	Dimensions (Max.)	24 mm x 32 mm x 2.1 mm (0.94" x 1.26" x 0.08")
	Form Factor	SD flash card
Storage	Flash Type	MLC NAND flash
	Capacity	8 GB/16 GB/32 GB/64 GB/128 GB
Operating Environment	Operating Voltage	2.7V ~ 3.6V
	Drop Test	1.5m free fall
	Operating Temperature	-25°C (-13°F) ~ 85°C (185°F)
	Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
	Humidity	0% ~ 95%
	Shock	Acceleration: 490 m/s^2 (standard holding time: 11 ms, semi-sine wave, velocity change: 3.44 m/s)
	Vibration (Operating)	20 G (peak-to-peak), 20 Hz ~ 2,000 Hz (frequency)
Power	Power Consumption (Max.)	0.72 watt(s)
Performance	Read Speed (Max.)	24 MB/s
	Write Speed (Max.)	22 MB/s
	Terabytes Written (Max.)	240 TB
Warranty	Certificate	CE/FCC/BSMI
	Warranty	Three-year Limited Warranty
Note	• Speed may vary due to host hardware, software, usage, and storage capacity.	

Mechanical Dimensions

24.00±0.10mm   2.10±0.15mm

32.00±0.10mm

Please feel free to contact us with any special requests you might have.
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