



*Guaranteed Performance
and Reliability*

Industrial SDHC/SD™ Cards

Transcend's industrial grade SD cards are specifically designed for use in demanding industrial environments. Built extra-rugged with wide-band operating temperatures, low power consumption, and excellent resistance to vibration and shock, our industrial series SD cards are extremely reliable high-quality storage solutions.



Now Available in **Ultra Speed**

Hardware Error Correction Code



Wide-range operating temperature



Shock and vibration resistant



Multi-platform compatibility



What's more

- Rugged design
- Exceptional reliability
- Resistant to shock and vibration
- Ultra speed transfer rates
- Built with superior quality SLC flash memory (SDHC10I excluded)
- Hardware ECC (Error Correction Code)
- Dynamic defect management
- Standard interface for multi-platform compatibility
- Supports auto-standby, power-off and sleep modes
- Mechanical write-protection switch
- Operates in fixed-disk or standard configuration
- Advanced wear leveling algorithm
- Low power consumption
- 2-year limited warranty



Industrial SDHC/SD™ Cards



Specifications

Capacity	SD:128MB~2GB, SDHC:4GB~8GB
Dimensions (LxWxH)	24mm x 32mm x 2.1mm
Weight	2.0g
Connector Interface	9pin
Operating Voltage (V)	2.7V~3.6V
Operating Temperature (°C)	SD80/SD150/SDHC150: -25°C (-13°F) to 85°C (185°F) SD80I/SDHC10I/SDHC80I: -40°C (-40°F) to 85°C (185°F)
Storage Temperature (°C)	-40°C (-40°F) to 85°C (185°F)
MTBF (hours)	SDHC10I: >2,000,000 hrs SD80I/SD80/SDHC80I: >4,000,000 hrs
Connector Durability	>10,000 insertions/removals
Max. Transfer Speed*	Read: up to 13MB/s, Write: up to 8MB/s (SD80/SD80I) Read: up to 18MB/s, Write: up to 16MB/s (SDHC10I) Read: up to 18MB/s, Write: up to 18MB/s (SDHC80I)
Certificates	CE, FCC, BSMI

*Based on internal Transcend testing. Actual speeds may vary depending upon host hardware, software and usage.

Ordering Information

Transcend P/N	Capacity	Transcend P/N	Capacity
TS4GSDHC10I	4GB	TS8GSDHC10I	8GB
Transcend P/N	Capacity	Transcend P/N	Capacity
TS4GSDHC80I	4GB	TS4GSDHC150	4GB
Transcend P/N	Capacity	Transcend P/N	Capacity
TS4GSDHC150	4GB	TS8GSDHC150	8GB
Transcend P/N	Capacity	Transcend P/N	Capacity
TS1GSD80I	1GB	TS2GSD80I	2GB
Transcend P/N	Capacity	Transcend P/N	Capacity
TS2GSD150	2GB	TS128MSD80	128MB
Transcend P/N	Capacity	Transcend P/N	Capacity
TS128MSD80	128MB	TS512MSD80	512MB
TS256MSD80	256MB	TS1GSD80	1GB

* Please contact sales for custom requests



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