Transcend®

www.transcend-info.com

Embedded Solutions

SD Cards

SDHC/XC400I

Utilizing top-quality MLC NAND flash, Transcend's SDHC/XC400I memory cards combine the advantages of high performance and exceptional endurance. The SDHC/XC400I can operate in wide-temperature(-40℃ ~ 85℃) environment, making it ideal for demanding industrial applications such as POS terminals and portable devices equipped with an SD memory card slot.

Hardware Features

- Compliant with RoHS 2.0 standards
- Electrostatic protection (ESD IEC 61000-4-2)
- MLC NAND flash
- Compliant with UHS-I
- Compliant with SD specification 3.01

Ordering Information

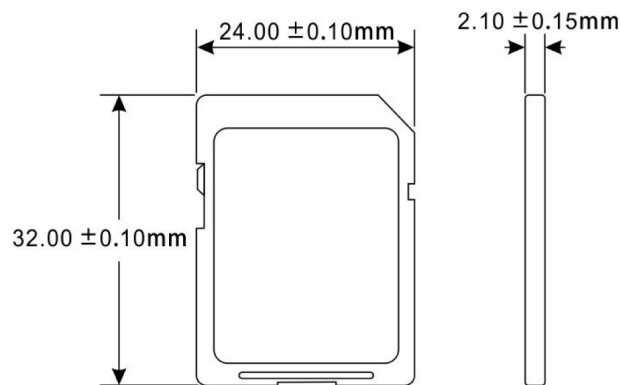|	
8GB	TS8GSDC400I
16GB	TS16GSDC400I
32GB	TS32GSDC400I
64GB	TS64GSDC400I

Firmware Features

- Built-in ECC (Error Correction Code) functionality
- Early Move
- Mechanical Write Protection switch for data security
- Supports S.M.A.R.T. function to conduct health monitoring, analysis, and reporting for storage devices
- Wear-Leveling

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Specifications

Appearance	Dimensions	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
Operating Environment	Operating Voltage	2.7V ~ 3.6V
	Drop Test	1.5m free fall
	Operating Temperature	Wide Temp. -40°C (-40°F) ~ 85°C (185°F)
	Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
	Humidity	0% ~ 95%
	Shock	Acceleration: 490 m/s² (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.)	up to 75 MB/s
	Write Speed (Max.)	up to 17 MB/s
Warranty	Certificate	CE / FCC / BSMI / UKCA
	Warranty	Three-year Limited Warranty

Mechanical Dimensions

24.00 ±0.10mm

2.10 ±0.15mm

32.00 ±0.10mm

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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