



SD Cards

SDXC/SDHC220 UHS-I U1

Transcend's SuperMLC technology is a cost-effective solution that offers performance close to that of SLC NAND flash. SuperMLC SDXC/SDHC220 UHS-I U1 Cards combine the advantages of high performance and exceptional endurance at an affordable price, making them ideal for demanding industrial applications such as POS terminals as well as portable devices equipped with an SD memory card slot.

Features

- RoHS compliant
- Manufactured with SuperMLC technology
- Excellent endurance
- Cost-effective solution
- Compatible with SD Specification Ver. 3.01, UHS-I
- Supports S.M.A.R.T. function
- Supports Early Move
- Built-in ECC (Error Correction Code) and Wear Leveling
- Support ESD IEC 61000-4-2

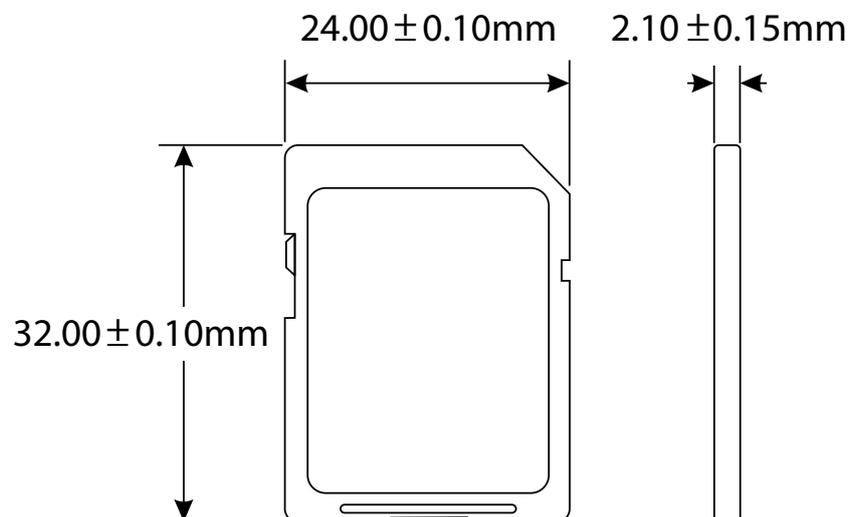
Ordering Information

16GB	TS16GSDC220
32GB	TS32GSDC220

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	SuperMLC
	Capacity	16 GB/32 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.)	95 MB/s
	Write Speed (Max.)	80 MB/s
	Terabytes Written (Max.)	600 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



Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment. Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios. For special applications and environments, it is strongly suggested that you contact Transcend beforehand for clarification.



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