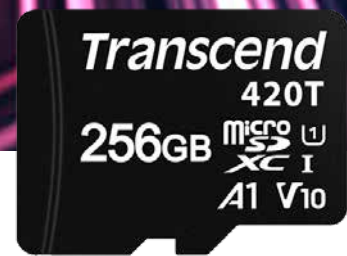**Embedded Solutions**

microSD Cards

microSDHC/SDXC420T

3K P/E cycles

Utilizing top-quality 3D NAND Flash and rated to endure 3K P/E cycles, Transcend's microSDXC/SDHC 420T memory cards combine the advantages of high performance and exceptional endurance at an affordable price, making them ideal for write-intensive applications such as medical devices, surveillance systems, and POS terminals.

Features

- Compliant with UHS-I
- Compliant with SD specification 5.1
- Compliant with UHS-I Speed Class 10
- Compliant with Application Performance Class 1 (A1)
- Compliant with RoHS 2.0 standards
- Endurance: 3K P/E cycles (Program/Erase cycles) guaranteed
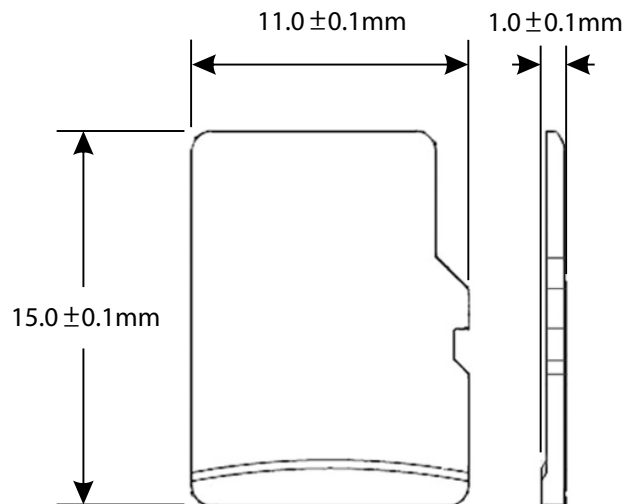- Built-in ECC (Error Correction Code) functionality

Ordering Information

32GB	TS32GUDC420T
64GB	TS64GUDC420T
128GB	TS128GUDC420T
256GB	TS256GUDC420T

Specifications

Appearance	Dimensions	11 mm x 15 mm x 1 mm (0.43" x 0.59" x 0.04")
	Form Factor	microSD flash card
Storage	Flash Type	3D NAND flash
	Capacity	32 GB/64 GB/128 GB/256 GB
Operating Environment	Operating Voltage	2.7V ~ 3.6V
	Drop Test	1.5m free fall
	Operating Temperature	Standard: -25℃ (-13°F) ~ 85℃ (185°F)
	Storage Temperature	-40℃ (-40°F) ~ 85℃ (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.)	0.5 watt(s)
Performance	Read Speed (Max.)	95 MB/s
	Write Speed (Max.)	40 MB/s
	Terabytes Written (Max.)	320 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

11.0±0.1mm   1.0±0.1mm

15.0±0.1mm

Please feel free to contact us with any special requests you might have.
Tel: +886-2-2792-8000   www.transcend-info.com