

microSD Cards

microSDXC/SDHC 300S

Want to save space on your mobile device by running apps from a memory card? Transcend's microSDXC/SDHC 300S cards are the right choice! Compliant with the latest speed class, the cards boast excellent random read/write speed, perfect for retrieving small pieces of data from random locations and speeding app launch time.



A good fit for mobile app storage

It's common for users to install and run mobile apps from microSD cards in order to free device memory. Random read/write performance is thus crucial. Transcend's microSDXC/SDHC 300S memory cards are a great fit for storing mobile apps.



Introducing Application Performance Class

The Application Performance Class was introduced to adapt this new trend. Transcend's microSDXC/SDHC 300S memory cards meet the new A1 standards, delivering minimum random read of 1,500 IOPS and random write of 500 IOPS, and sustained sequential speeds of at least 10MB/s. Note: A1 compliance applies only to 32GB-512GB capacity cards.



Show the transfer capabilities

Transcend's microSDXC/SDHC 300S memory cards meet both the UHS Speed Class 3 (U3) and the UHS Video Speed Class 30 (V30) standards for 4K Ultra HD video recordings, with read/write speeds of up to 95MB/s and 40MB/s respectively. Note: U3 and V30 compliance applies only to 128GB-512GB capacity cards.

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Features

- Compliant with Application Performance Class 1 (A1), UHS Speed Class 3 (U3), and UHS Video Speed Class 30 (V30) standards
- Up to 512GB storage capacity
- Up to 95 MB/s read; 40 MB/s write
- Ideal for smartphones, tablets, and digital cameras
- Perfect for a smooth and uninterrupted 4K video capturing

RecoveRx software

Transcend offers RecoveRx software, a data recovery utility that allows you to search deep within a storage device for traces of erased files including digital photos, documents, music and videos.

Specifications

Appearance

Dimensions	11 mm x 15 mm x 1 mm (0.43" x 0.59" x 0.04")
Weight	0.4 g (0.01 oz)

Storage

Flash Type	3D NAND flash
Capacity	4 GB/8 GB/16 GB/32 GB/64 GB/128 GB/256 GB/512GB

Operating Environment

Operating Temperature	-25°C (-13°F) ~ 85°C (185°F)
Operating Voltage	2.7V ~ 3.6V

Performance

Speed Class	UHS-I U3 UHS-I U1 Class 10 V30 A1
Read Speed (Max.)	95 MB/s
Write Speed (Max.)	40 MB/s
Insertion/Removal Cycles	10,000
Note	Speed may vary due to host hardware, software, usage, and storage capacity.

Warranty

Certificate	CE/FCC/RCM/EAC
Warranty	Five-year Limited Warranty

Ordering Information

4GB	TS4GUSD300S
8GB	TS8GUSD300S
16GB	TS16GUSD300S / TS16GUSD300S-A
32GB	TS32GUSD300S / TS32GUSD300S-A
64GB	TS64GUSD300S / TS64GUSD300S-A
128GB	TS128GUSD300S / TS128GUSD300S-A
256GB	TS256GUSD300S-A
512GB	TS512GUSD300S-A

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microSD Cards Comparison

				High Endurance	
					
	microSDXC/SDHC 500S	microSDXC 330S	microSDXC/SDHC 300S	microSDXC 350V	High Endurance microSDXC/SDHC
Appearance					
Dimensions (Max.)	11 mm x 15 mm x 1 mm (0.43" x 0.59" x 0.04")				
Weight (Max.)	0.4 g (0.01 oz)				
Storage					
Flash Type	MLC NAND flash	3D NAND flash	3D NAND flash	3D NAND flash	MLC NAND flash
Capacity	8GB ~ 128GB	64GB ~ 256GB	4GB ~ 512GB	64GB ~ 128GB	16GB ~ 64GB
Performance					
Speed Class	UHS-I U3 UHS-I U1 Class 10 V30	UHS-I U3 Class 10 V30 A2	UHS-I U3 UHS-I U1 Class 10 V30 A1	UHS-I U1 Class 10	UHS-I U1 Class 10
Read Speed (Max.)	95 MB/s	100 MB/s	95 MB/s	95 MB/s	95 MB/s
Write Speed (Max.)	80 MB/s	85 MB/s	40 MB/s	45 MB/s	45 MB/s
Insertion/Removal Cycles	10,000				
Warranty					
Warranty	Five-year Limited Warranty			Two-year Limited Warranty	
Compatibility					
Drones	✓	✓	✓	-	-
Action cameras	✓	✓	✓	-	-
Mobile devices	✓	✓	✓	-	-
Handheld game consoles	-	✓	-	-	-
Dashcams	-	-	-	✓	✓
Surveillance	-	-	-	✓	✓

NOTE:

- Speed may vary due to host hardware, software, usage, and storage capacity.
- A1 compliance applies only to 32GB-512GB capacity cards.
- A2 performance applies to devices that supports SD 6.0 specification or later.
- U3 and V30 compliance applies only to 16GB-128GB capacity cards.
- Before purchasing the High Endurance microSD card, please check the maximum capacity of memory card supported by your dashcam.

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