



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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microSDXC/SDHC 300S

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



RecoverRx software

Transcend offers RecoverRx 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/BSMI/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

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 U3

UHS-I U3

UHS-I U1

UHS-I U1

UHS-I U1

Class 10

UHS-I U1

Class 10

Class 10

Class 10

V30

Class 10

V30

A2

V30

A1

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.