



microSD Cards

# microSDXC/SDHC 500S

Transcend's microSDXC/SDHC 500S memory cards provide the performance and capacity necessary to harness the full power of your UHS-I compliant action camera and drone camera. In addition to incredible transfer speeds, the cards meet UHS Video Speed Class 30 (V30) standards, allowing for smooth, uninterrupted 4K video capture.



### Actions in detail

Transcend's microSDXC/SDHC 500S memory cards are manufactured with top-tier MLC NAND flash, making them durable and reliable. The cards offer impressive transfer rates and stable video recording without dropping frames, making them ideal for action cameras and drone cameras.



### Show the transfer capabilities

Transcend's microSDXC/SDHC 500S 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 80MB/s respectively. \*U3 and V30 compliance applies only to 16GB-128GB capacity cards.



### Store as many as you wish

With up to 128GB storage capacity, Transcend's microSDXC/SDHC 500S memory cards allow for thousands of photos and hours of Full HD videos to be recorded, meaning you can stay focused on capturing fantastic moments without worrying about running out of storage.



## microSD Cards

# SDXC/SDHC 500S

### Features

- Compliant with UHS Speed Class 3 (U3) and UHS Video Speed Class 30 (V30) standards
- Up to 128GB storage capacity
- Up to 95 MB/s read; 80 MB/s write
- MLC NAND flash memory
- Ideal for action cameras and drone cameras




### 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 (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
Capacity	8 GB/16 GB/32 GB/64 GB/128 GB

#### 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
Read Speed (Max.)	95 MB/s
Write Speed (Max.)	80 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
Warranty	Five-year Limited Warranty

#### Ordering Information

8GB	TS8GUSD500S
16GB	TS16GUSD500S
32GB	TS32GUSD500S
64GB	TS64GUSD500S
128GB	TS128GUSD500S

## microSD Cards Comparison



microSDXC/SDHC  
500S



microSDXC  
330S



microSDXC/SDHC  
300S



microSDXC  
350V



High Endurance  
microSDXC/SDHC

High Endurance

### 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 ~ 128GB

4GB ~ 256GB

64GB ~ 128GB

16GB ~ 128GB

### 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

45 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 128GB-256GB 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.