

PERFORMANCE FLASH MEMORY EXPANDED STORAGE  
**VERSATILE** FLASH PERFORMANCE  
**STORAGE** FLASH MEMORY EXPANDED STORAGE  
 FLASH PHOTOS UPGRADE MEMORY PHOTOS  
 MICROSDHC/SDXC

SDCA10 Class 10 UHS-I microSDHC/SDXC

## Faster speeds to capture more on the go.

Kingston's SDCA10 Class 10 UHS-I (Ultra High-Speed Bus, Speed Class 1) microSDHC/SDXC card delivers 90MB/s read and 45MB/s write speeds; it reads up to 9x faster and writes up to 4.5x faster than standard Class 10 microSDHC/SDXC cards. UHS-I U1 technology lets users shoot full HD video, 3D video and real-time broadcasts without interruption and capture images continuously on their phones. Higher sustained write speeds ensure video integrity by reducing stutter and faster transfers free up user's time, especially when using Kingston USB 3.0 card readers.

In 16GB, 32GB and 64GB capacities, SDCA10 Class 10 UHS-I lets users record more video without changing cards. Up to 80 minutes of 48 Mbps video, up to 28 compressed MP4 videos or up to 8,302 MP3 files can be stored on a 32GB card so it's easy to take movie collections and music libraries wherever you go.

This versatile card is waterproof<sup>1</sup>, shock and vibration proof<sup>2</sup>, x-ray proof<sup>3</sup> and temperature proof<sup>4</sup>. Photographers can feel secure using the card for action photography and in harsh or unstable conditions.

Smartphone, tablet and small-format camera users will benefit from the enhanced transfer speeds and performance gains offered by the SDCA10 Class 10 UHS-I card, which is compatible with microSDHC/SDXC host devices and not compatible with standard microSD-enabled devices and readers. Maximize your card's performance by pairing it with a UHS-I supported reader such as Kingston's MobileLite G3 or USB 3.0 Media Reader. It's backed by a lifetime warranty, free technical support and legendary Kingston® reliability.

- > Impressive UHS-I speeds to capture pictures or record HD videos without interruption
- > Up to 64GB capacity for data-hungry apps and HD video recording
- > Great for use with mobile devices, tablets and small format cameras



90MB/s (R)  
45MB/s (W)



Waterproof<sup>1</sup>



Shock and vibration proof<sup>2</sup>



Protected from airport X-rays<sup>3</sup>



Temperature proof<sup>4</sup>

Features/specs on reverse >>

## SDCA10 Class 10 UHS-I microSDHC/SDXC

### FEATURES/BENEFITS

- > **Performance** — UHS-I speeds —90MB/s read and 45MB/s write for faster file transfer, continuous shooting and video recording
- > **Resistant** — waterproof,<sup>1</sup> shock proof,<sup>2</sup> X-ray proof<sup>3</sup> and temperature proof<sup>4</sup> to perform even in harsh environments
- > **Versatile** — Class 10 performance when used in a non-UHS-I capable device
- > **Flexible** — when combined with the SD adapter, can be used as a full-size SDHC/SDXC card
- > **Compatible** — with microSDHC & microSDXC host devices; not compatible with standard microSD-enabled devices/readers; microSDXC cards are not compatible with microSDHC-enabled devices/readers
- > **File format** — FAT32 (microSDHC 16GB-32GB), exFAT (microSDXC 64GB)
- > **Guaranteed** — lifetime warranty<sup>5</sup>, free technical support

### SPECIFICATIONS

- > **Capacities**<sup>6</sup> 16GB, 32GB, 64GB
- > **Performance**<sup>7</sup> 90MB/s read and 45MB/s write, UHS-I Speed Class 1 (U1)
- > **microSDHC/SDXC Card Dimensions** 11mm x 15mm x 1mm
- > **SD Adapter Dimensions** 24mm x 32mm x 2.1mm
- > **Operating Temperature** -25°C to 85°C
- > **Storage Temperature** -40°C to 85°C
- > **Voltage** 3.3V

<sup>1</sup> IEC/EN 60529 IPX7 certified for protection against continual water submersion up to 30 min. and depth up to 1m.

<sup>2</sup> Based on MIL-STD-883H, METHOD 2002.5 military standard test method.

<sup>3</sup> ISO 7816-1 certified for protection against 0.1 Gy of X-ray radiation to both sides of card.

<sup>4</sup> Withstands temperature range from -25 °C to 85 °C

<sup>5</sup> Kingston Flash Cards are designed and tested for compatibility with consumer-grade market products. It is recommended that you contact Kingston directly for any OEM opportunities or special use applications that are beyond the standard daily consumer usage. For more information on intended use, please refer to the Flash Memory Guide at [kingston.com/flashguide](http://kingston.com/flashguide).

<sup>6</sup> Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash Memory Guide at [kingston.com/flashguide](http://kingston.com/flashguide).

<sup>7</sup> Speed may vary due to host and device configuration.

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PERFORMANCE MEMORY EXPANDED STORAGE FLASH PHOTOS  
MEMORY PERFORMANCE FLASH MEMORY  
STORAGE UPGRADE PHOTOS MEMORY



### KINGSTON PART NUMBERS

SDCA10/16GB

SDCA10/32GB

SDCA10/64GB

#### Card only (SD adapter not included):

SDCA10/16GBSP

SDCA10/32GBSP

SDCA10/64GBSP

#### Optional accessories:

FCR-MLG3 – MobileLite G3

FCR-HS3 – USB 3.0 Media Reader



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