Gold microSD UHS-I Speed Class 3 (U3)

Maximise the memory of every adventure.

If you need a great-performing card to maximise the footage from your drone, GoPro® or Ultra HD camera, look no further. Kingston's Gold microSD UHS-I Speed Class 3 (U3) card lets you shoot footage at up to 30 frames per second in 4K and capture 120 frames per second in 1080P HD. Experience faster upload times when writing to a PC and edit and upload footage faster, especially when using USB 3.0 card readers like Kingston's MLG4 Media Reader. Increased write speeds let you shoot in continuous burst mode and higher sustained write speeds ensure video integrity by reducing stutter.

Its microSD form factor is the standard used by nearly all action cameras, drones and small-form-factor 4K Ultra HD-capable cameras. It can also be used in conjunction with the optional SD card adapter to allow for quick viewing of footage from a notebook and for use in larger format cameras. Whether biking, hiking, racing or flying, depend on these cards to capture the action in any weather.

For the most extreme conditions, this microSD card is rugged, waterproof[1], shock/vibration proof[2], X-ray proof[3] and temperature proof[4] to keep all your footage safe. It's available in multiple capacities from 16GB–64GB.[5]

> ❭ Great performance to keep up with your adventures

> ❭ Compatible with microSDHC and microSDXC host devices

> ❭ Rugged: tested to be waterproof[1], shock and vibration proof[2], X-ray proof[3] and temperature proof[4]

> ❭ Available in multiple capacities to suit your needs

Waterproof[1]

Shock and vibration proof[2]

Protected from airport x-rays[3]

Temperature proof[4]

Features/specs on reverse ❭❭

Kingston®
TECHNOLOGY

Gold microSD UHS-I Speed Class 3 (U3)

FEATURES/BENEFITS

> **Designed for 4K recording** — Shoot video at up to 30 frames per second in 4K and maximise the footage from your GoPro® or drone. Capture 1080P HD footage at 120 frames per second and slow down the action to enjoy every second of your latest adventure.

> **Rugged enough for your next adventure** — Put that waterproof housing to good use, these cards can handle a little water.[1] Whether biking, hiking, racing or flying, feel safe knowing these cards safely capture the action in any weather.

> **Enough space for your trip** — Whether shooting in 4K Ultra HD or at 120 frames per second in 1080P HD, these cards have enough space to keep you going.

> **Ultra High Speed Performance** — SD Association's latest specification release, UHS-I U3 (Ultra High-Speed Bus, Speed Class 3), guarantees performance of at least 30MB/s, enough bandwidth to record and play back 4K video without interruption. 90MB/s read, and 45MB/s write[6] – reads up to 9x faster and writes up to 4.5x faster than standard Class 10 SD cards.

SPECIFICATIONS

> **Capacities[5]** 16GB, 32GB, 64GB

> **Performance[6]**

  90MB/s read and 45MB/s write, UHS-I Speed Class 3 (U3)

> **microSD Dimensions** 11mm x 15mm x 1mm

> **SD Adapter Dimensions** 24mm x 32mm x 2.1mm

> **Format** FAT32 (microSDHC 8GB-32GB); exFAT (microSDXC 64GB)

> **Operating Temperature** -25°C to 85°C

> **Storage Temperature** -40°C to 85°C

> **Voltage** 3.3V

> **Warranty[7]** lifetime

PART NUMBERS

SDCG/16GB
SDCG/32GB
SDCG/64GB

Card only (SD adapter not included):
SDCG/16GBSP
SDCG/32GBSP
SDCG/64GBSP

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1 IEC/EN 60529 IPX7 certified for protection against continuous water submersion for up to 30 min. and a depth of up to 1m.

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

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

4 Withstands temperatures ranging from -25 °C to 85 °C.

5 Some of the listed capacity on a Flash storage device is used for formatting and other functions and is thus 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 Guide at kingston.com/flashguide.

6 Speed may vary due to host and device configuration.

7 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.

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