microSDHC/SDXC UHS-I U3

Impressive speeds to capture high-quality video.

Kingston's microSDHC/SDXC UHS-I U3 Flash memory cards deliver fast, UHS-I Class U3 speeds up to 90MB/s read and 80MB/s write[1] that let you capture cinema-quality Full HD (1080p), Ultra HD (2160p), 3D and 4K videos on high-performance small form factor devices such as smartphones and GoPro® cameras. It's also great for live television broadcasts and recordings. The cards offer faster upload and editing times, especially with USB 3.0 card readers. Higher sustained write speeds ensure video integrity and let photographers shoot in continuous burst mode.

Use the optional adapter to take advantage of standard SD card size SDHC/SDXC host devices, such as DSLRs, video cameras and larger tablets. The microSDHC/SDXC UHS-I U3 90R/80W is built to be durable, so you can rest assured that your photos, videos and other important files will be protected, even in harsh environments. This versatile card is tested to be waterproof[2], temperature proof[3], shock/vibration proof[4] and X-ray proof[5]. Multiple capacities up to 128GB[6] provide plenty of room for longer recording time for HD video and space for thousands of high-resolution photos and hours of video[7].

> Fast UHS-I Class U3 speeds up to 90MB/s read and 80MB/s write[1]

> Small form factor card has optional adapter for standard-size devices

> Tested for durability and to withstand the elements

> Multiple capacities up to 128GB[6]

Waterproof[2]

Temperature proof[3]

Shock and vibration proof[4]

Protected from airport X-rays[5]

FEATURES/ BENEFITS

> **UHS-I Speed Class U3 Interface** — Allows users to capture cinema quality Full HD(1080p), Ultra HD(2160p), 3D and 4K videos on high-performance small form factor devices such as smartphones and GoPro cameras.

> **Range of capacities** — To meet your specific needs, Kingston's microSDHC and microSDXC cards are available in capacities from 32GB to 128GB.

> **Durable** — Tested to be Waterproof, Temperature proof, Shock/Vibration proof, X-ray proof. Photos, videos and other important files will be protected in harsh environments

> **Guaranteed** — Lifetime[8] warranty, free technical support

SPECIFICATIONS

> **Capacities[6]** 32GB, 64GB, 128GB

> **Performance[1]** 90MB/s read and 80MB/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 32GB); exFAT (microSDXC 64GB-128GB)

> **Operating Temperature** -25℃ to 85℃

> **Storage Temperature** -40℃ to 85℃

> **Voltage** 3.3V

> **Warranty** Lifetime

PART NUMBERS

SDCA3/32GB
SDCA3/64GB
SDCA3/128GB

Card only (SD adapter not included):
SDCA3/32GBSP
SDCA3/64GBSP
SDCA3/128GBSP

OPTIONAL ACCESSORIES

FCR-MLG4 – MobileLite G4
FCR-HS3 – USB 3.0 Media Reader

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1 Speed may vary due to host and device configuration

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

3 Withstands temperature range from -25 °C to 85 °C

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

5 Protected against X-ray exposure based on ISO7816-1 guidelines.

6 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 Guide at kingston.com/flashguide.

7 Recording time and number of pictures will vary by device manufacturer. For more information go to kingston.com/storage

8 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.

Kingston TECHNOLOGY