

microSDHC/SDXC UHS-I U3

KINGSTON.COM/FLASH

Impressive speeds to capture high-quality video.

Kingston's microSDHC/SDXC UHS-I U3 90R/80W Flash memory cards deliver fast, UHS-I Class U3 speeds of up to 90MB/s read and 80MB/s write¹ 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 waterproof², temperature proof³, shock/vibration proof⁴ and X-ray proof⁵. Multiple capacities up to 128GB⁶ provide plenty of room for longer HD video recordings and space for thousands of high-resolution photos and hours of video⁷.

- › Fast UHS-I Class U3 speeds of up to 90MB/s read and 80MB/s write¹
- › Small-form-factor card has optional adapter for standard-size devices
- › Tested for durability and to withstand the elements
- › Multiple capacities of up to 128GB⁶



Waterproof²



Temperature proof³



Shock and vibration proof⁴



Protected from airport X-rays⁵

Features/specs on reverse >>

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microSDHC/SDXC UHS-I U3

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** — Lifetime⁸ 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°C to 85°C
- > **Storage temperature** -40°C to 85°C
- > **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 continuous water submersion for up to 30 min. and a depth of up to 1m.

³ Withstands temperatures ranging from -25 °C to 85 °C

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

⁵ ISO 7816-1 certified for protection against 0.1 Gy of X-ray radiation to both sides of card.

⁶ 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.

⁷ Recording time and number of pictures will vary by device manufacturer. For more information, go to Kingston.com/flash/storage_chart.

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.



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