FLASH
MEMORY
PERFORMANCE
FLASH
PHOTOS
EXPANDED STORAGE
4K2K VIDEOS
STORAGE
UPGRADE MEMORY
PHOTOS
MOBILE
FLASH MICRO
PERFORMANCE

Incredible speeds for capturing high-quality videos.

Kingston's microSDHC/SDXC UHS-I U3 (Ultra High-Speed Bus, Speed Class 3) Flash card features impressive speeds that allow users to capture cinema-quality full HD (1080p), ultra HD (2160p), 3D and 4K2K videos. It's a perfect match for high-performance, small form factor devices such as smartphones and portable camcorders. With speeds of 90MB/s read and 80MB/s write, it makes editing and uploading files faster, especially when used with Kingston's USB 3.0 card readers, including MobileLite G4 and Media Reader. Higher sustained write speeds ensure video integrity by reducing stutter and allow photographers to shoot in continuous burst mode.

Its small size is the standard expandable storage option for many tablets, smartphones and action cameras on the market today. The card can double as a full-size SDHC/SDXC card with the included adapter.

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

The microSDHC/SDXC UHS-I U3 Flash card is covered by a lifetime warranty, free technical support and legendary Kingston® reliability.

> Impressive U3 speeds for fast action photos or 4K video recording
> Up to 64GB capacity to store thousands of photos and hours of videos
> Durable memory card, great for use in extreme conditions

90MB/s R
80MB/s W

Waterproof[1]

Shock and vibration proof[2]

Protected from airport X-rays[3]

Temperature proof[4]

microSDHC/SDXC UHS-I U3 is ideal for:
• Power users, professionals, videographers and photographers
• Tablets, smartphones or small form factor cameras
• High-resolution photos and videos

Kingston
TECHNOLOGY

FEATURES/BENEFITS

> **Fast/Performance** — UHS-I Speed Class 3 — up to 90MB/s read and 80MB/s write for continuous shooting, video recording and fast file transfer

> **Resistant** — waterproof,[1] shock proof,[2] X-ray proof[3] and temperature proof[4] to perform even in harsh environments

> **Compliant** — with the SD Association specifications

> **Compatible** — with microSDHC & microSDXC host devices; not compatible with standard microSD-enabled devices/readers; microSDXC cards are not compatible with microSDHC-enabled devices/readers

> **Flexible/Multi-functional** — when combined with the SD adapter, can be used as a full-size SDHC/SDXC card to fit in DSL-R or DSL-M cameras, 4K camcorders and other devices

> **Guaranteed** — lifetime warranty,[†] free technical support

SPECIFICATIONS

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

> **Performance[6]** 90MB/s read and 80MB/s write, UHS-I Speed Class 3 (U3)

> **microSDHC/SDXC card dimensions** 11mm x 15mm x 1mm

> **SD adapter dimensions** 24mm x 32mm x 2.1mm

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

> **Storage temperature** -40℃ to 85℃

> **Voltage** 3.3V

[7]

KINGSTON PART NUMBERS

SDCA3/16GB
SDCA3/32GB
SDCA3/64GB

Card only (SD adapter not included)
SDCA3/16GBSP
SDCA3/32GBSP
SDCA3/64GBSP

Optional accessories:

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

1. IEC/EN 60529 IPX7 certified for protection against continual 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 temperature range 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 Memory Guide at kingston.com/flashguide.
6. Speed may vary due to host and device configuration.
7. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution Licence.
† 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 go 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

ISO 9001:2008 SGS