

# Kingston Secure Digital Extended Capacity (SDXC) Memory Card

kingston.com/flash

Massive storage,  
incredible speed.



The SD standard is the leading choice for consumers and has earned nearly 80 percent share of the memory card market with its reliable interoperability and easy-to-use format. As the next generation of SD Memory Card, the SDXC (Secure Digital Extended Capacity) format will dramatically improve digital lifestyles by combining high bandwidth and portable storage needed to store content-rich applications such as high-definition video, photo collections and music.

The new SDXC memory card standard provides up to 2 terabytes of storage and enhanced SD interface read/write speeds to a maximum transfer rate of 104MB/sec. today and 300MB/sec. in the future. With expanded storage capacity and improved interface speed, SDXC can help realize the full potential of digital cameras and camcorders with continuous shooting and higher resolution movie recordings. It will also facilitate high-speed transfers of data to and from cards.

The Kingston® SDXC card is based on the SDA (Secure Digital Association) Memory Card Standard Version 3.01 and is compliant with Ultra High Speed bus (UHS-1) and Class 10 rating. UHS-1 bus controls the ultra-fast read/write functions. The Class 10 rating guarantees a minimum data transfer speed of 10MB/sec. to address the demands of recording data to the SDXC card for applications such as video recording, where uninterrupted writing of data is critical. The Class 6 rating guarantees a minimum data transfer rate of 6MB/sec.

Featured in a massive 64GB capacity and with speeds up to 60MB/sec. read and 35MB/sec. write (Class 10 up to 35MB/sec. write, Class 6 up to 15MB/sec. write), this card is ideal for storing and recording HD high-definition video, high-resolution, or RAW still photos with SDXC-supported host devices!

The SDXC UHS 1 Class 10 and Class 6 are covered by a lifetime warranty, 24/7 tech support and legendary Kingston reliability.

## Features/Benefits:

- **Capacities\*\*** — 64GB<sup>†</sup>
- **Dimensions** — 0.94" x 1.26" x 0.08" (24mm x 32mm x 2.1mm)
- **Weight** — 0.09 oz. (2.5 g)
- **Class Rating** — Class 10: 10 MB/sec. minimum data transfer rate  
Class 6: 6 MB/sec. minimum data transfer rate
- **Bus Interface Mode** — Version 1, SDR104
- **Operating Temperature** — -13° F to 185° F (-25° C to 85° C)
- **Storage Temperature** — -40° F to 185° F (-40° C to 85° C)
- **Compliant** — with the SD Card Association card 3.01 specification
- **Copy Protection** — support for CPRM (Content Protection for Recordable Media)
- **Secure** — built-in write-protect switch prevents accidental data loss
- **Compatible** — with SDXC host devices; not compatible with SDHC and standard SD-enabled devices/readers
- **File System** — exFAT
- **Reliable** — lifetime warranty
- **Operating System Support** — Windows 7, Windows Vista (SP1 or later), Windows XP (SP2 or later) with exFAT update

**†Host and Card Compatibility** — SDXC cards use the same physical format as SD or SDHC cards but can only be used with SDXC host products such as digital cameras or camcorders. They are not backwards compatible with SDHC or standard SD interfaces. To confirm the host product is SDXC compatible, locate an SDXC logo on the host product, packaging, instruction manual or other manufacturer's information. When using SDXC cards for file transfer with Windows® operating systems,\* the exFAT file system is available on Microsoft Windows 7, Windows Vista® (SP1 or later) and Windows XP (SP2 or later with exFAT update).

## Kingston Secure Digital Extended Capacity Part Number:

SD10A/64GB, SD6A/64GB

\* Contact your PC manufacturer to confirm the SD slot on your PC is compatible with SDXC cards and for availability of the SDXC driver. SDXC compatible driver for the SD slot can be downloaded from the Microsoft Download Center website.

\*\* 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/flash\\_memory\\_guide](http://kingston.com/flash_memory_guide)

<sup>†</sup> 64GB cards may require updated device drivers. Consult the device documentation for requirements.

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