

Kingston Secure Digital High Capacity (SDHC) cards

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Performance and capacity redefined.



Kingston Technology's Secure Digital High Capacity (SDHC) memory cards are fully compliant with the new SD Association specification version 2.00. They are a new performance class of SD memory cards designed to meet the storage demands of high-quality digital still and video cameras and other high-resolution image recording devices.

Starting at 4GB, SDHC cards offer larger-volume data storage and optimized recording performance with support for FAT 32 file formats. In addition, Kingston's SDHC cards use new speed "class" ratings known as Class 4, 6 and 10 that deliver a minimum data transfer rate (see specs) for optimum performance with SDHC devices. Kingston's SDHC cards are also available in a 4GB Class 4 twin pack.

Although identical in size to today's standard SD card, the new SDHC cards are designed differently and are only recognized by SDHC host devices. To ensure compatibility, look for the SDHC logo on cards and host devices (cameras, camcorders, etc.).

For added reliability and durability, our solid state SDHC memory cards are built of nonvolatile memory components and have no moving parts that could wear out or break. All cards are 100-percent tested and are backed by a lifetime warranty and 24/7 live technical support.

Optional Accessories

- FCR-HS219/1 – Media Reader
- FCR-MLG2 – MobileLiteG2

Features/Benefits:

- **Compliant** — with the SD Card Association specification version 2.00
- **Secure** — built-in write-protect switch prevents accidental data loss
- **Compatible** — with SDHC host devices; not compatible with standard SD-enabled devices/readers
- **File Format** — FAT 32
- **Reliable** — lifetime warranty
- **Simple** — as easy as plug-and-play

Specifications:

- **Capacities*** — 4GB, 8GB, 16GB, 32GB
- **Dimensions** — 0.94" x 1.25" x 0.08" (24mm x 32mm x 2.1mm)
- **Speed Class Rating:**
 - Class 4: 4MB/sec. guaranteed minimum data transfer rate
 - Class 6: 6MB/sec. guaranteed minimum data transfer rate
 - Class 10: 10MB/sec. guaranteed minimum data transfer rate
- **Operating Temperature** — -13° F to 185° F (-25° C to 85° C)
- **Storage Temperature** — -40° F to 185° F (-40° C to 85° C)
- **Voltage** — 3.3V

Kingston SDHC Part Numbers:

SD4/4GB, SD4/4GB-2P, SD4/8GB, SD4/16GB, SD4/32GB, SD6G2/8GB, SD6G2/16GB, SD6G2/32GB, SD10/8GB, SD10/16GB, SD10/32GB



* 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. THIS DOCUMENT SUBJECT TO CHANGE WITHOUT NOTICE.

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