

**Strontium®**



# UHS-I **NITRO** microSDHC/XC Flash Memory Cards

Superior mobile data solution for smartphones and tablets



## Product Highlights

### **NITRO UHS-I (U1) microSDHC/XC Mobility Kit**

- Maximizes the UHS-I technology for outstanding NITRO performance, including 566X (85MB/s) minimum guaranteed read transfer speed\*
- Superior mobile data solution for smartphones, tablets, GPS, and digital camcorders
- Contains storage of up to 26,208 photos<sup>1</sup>; 960 minutes of 1080p HD video<sup>2</sup>; or 16,000 MP3 songs<sup>3</sup>
- USB card reader and SD Adapter included
- Strontium® Lifetime Limited Warranty



Water proof   Temperature proof   Magnet proof   X-ray proof

Features/Specs on reverse >>

## **NITRO UHS-I (U1) microSDHC/XC 3-in-1 Mobility Kit.**

Strontium® NITRO range of UHS-1 microSDHC/XC flash cards offer an impressive data storage of music, full high-definition videos, high-resolution photos and games in a tiny body with ultra high performance. It is widely available from 8GB to 64GB capacities.

### **Superior mobile data solution for your Smartphones, Tablets, GPS, & Digital Camcorders**

**Ultra High Speed Performance.** Equipped with a high speed “Class 10” rating, our UHS-1 microSDHC/XC card maximizes the UHS-I technology to deliver a read transfer speed of up to 85MB/s (566X)\*. Hence, it makes it simple to rapidly acquires, plays back, and transfers media data, including extended durations of 1080p full-HD and 3D videos.

**Built for the harshest conditions.** Durability tested to secure your data from everyday mishaps – water proof, magnet proof, temperature proof and X-ray proof. Bring your smartphones, tablets, or camcorders to the mountains, the sea, or the desert. Even if your personal device doesn't make it through, your Strontium memory card will.

**USB Card Reader and Adapter included.** Strontium’s 3-in-1 Mobility Kit combines a microSD card with an USB card reader and a SD adapter to allow mobile users flexible storage to access multiple digital devices, from computers and cameras to smartphones & tablets. At Strontium®, we take the responsibility of protecting your data, very seriously.

**Memories deteriorate. Strontium® doesn't.**

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# NITRO

## Your Extreme Data Solution with Ultra High Performance

### Capacities

#### Strontium Part Numbers

NITRO UHS-I (U1)  
microSDHC/XC Mobility Kit

- 8GB 400X Speed  
SRN8GTFU1C
- 16GB 433X Speed  
SRN16GTFU1C
- 32GB 466X Speed  
SRN32GTFU1C
- 64GB 566X Speed  
SRN64GTFU1C

### Product Features.

- **Compliant** - with the latest SD card Specification Standards
- **Compatibility**  
For microSDHC (8-32GB) cards: Compatible with all microSDHC/XC and microSDHC/XC-I (UHS-I) enabled host devices  
For microSDXC (64GB) cards: Compatible with microSDXC and microSDXC-I (UHS-I) enabled host devices only
- **Security** - Built-in write-protect switch to prevent accidental data loss
- **Durability** - Water proof; temperature proof; magnet proof and X-ray proof
- **Guaranteed** - Strontium® Lifetime limited warranty

### Specifications.

- **Available Capacities\*\*** 8GB, 16GB, 32GB and 64GB
- **UHS microSDHC/XC Dimensions** 11mm x 15mm x 1mm
- **USB Card Reader Dimensions** 28mm x 15.5mm x 4mm
- **microSD Adapter Dimensions** 24mm x 32mm x 2.1mm
- **Operating Temperature** -13°F to 185°F (-25°C to 85°C)
- **Storage Temperature** -40°F to 185°F (-40°C to 85°C)
- **File Format\*\*\*** FAT32 (SDHC 8GB-32GB), exFAT (SDXC 64GB)

Storage Chart

Capacities	Digital Photos <sup>1</sup>		Video Recording <sup>2</sup>		Audio Recording <sup>3</sup>
	5 Megapixel	10 Megapixel	Standard	Full HD	
8GB	3276 photos	1638 photos	44 hours	120 minutes	2000 songs
16GB	6552 photos	3276 photos	88 hours	240 minutes	4000 songs
32GB	13104 photos	6552 photos	176 hours	480 minutes	8000 songs
64GB	26208 photos	13104 photos	352 hours	960 minutes	16000 songs



\* Note: Up to 566X or 85MB/s read speed, write speed lower. Transfer speed is based on Strontium's internal testing conditions using UHS-I interface; actual performance may vary among different host devices and testing conditions.

\*\* A certain portion of capacity may be reserved for firmware and maintenance use, thus the actual capacity may differ from that indicated on the product label.

\*\*\* Not all gadgets support exFAT file format.

<sup>1</sup> Based on 5 and 10 megapixel JPEG compressed images. <sup>2</sup> Standard Video based on 320x240 384Kbps MPEG4 compression. Full HD video based on 1920x1080 9Mbps H.264 AVC compression. <sup>3</sup> Based on 4-minute 128Kbps MP3 audio files.

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