SanDisk SDSQUAB-128G-GN6MA

SanDisk Ultra microSDXC UHS-I Memory Card User Manual

Model: SDSQUAB-128G-GN6MA

1. Introduction

This manual provides essential information for the proper use and care of your SanDisk Ultra microSDXC UHS-I Memory Card. This high-performance memory card is designed to expand the storage capacity of compatible devices such as Android smartphones, tablets, and cameras, enabling you to capture, store, and transfer Full HD videos and high-resolution photos efficiently.

The SanDisk Ultra microSDXC UHS-I card offers fast transfer speeds and A1-rated performance for quicker app loading. It is built to withstand various environmental conditions, including water, temperature, shock, and X-rays, ensuring reliable data storage.

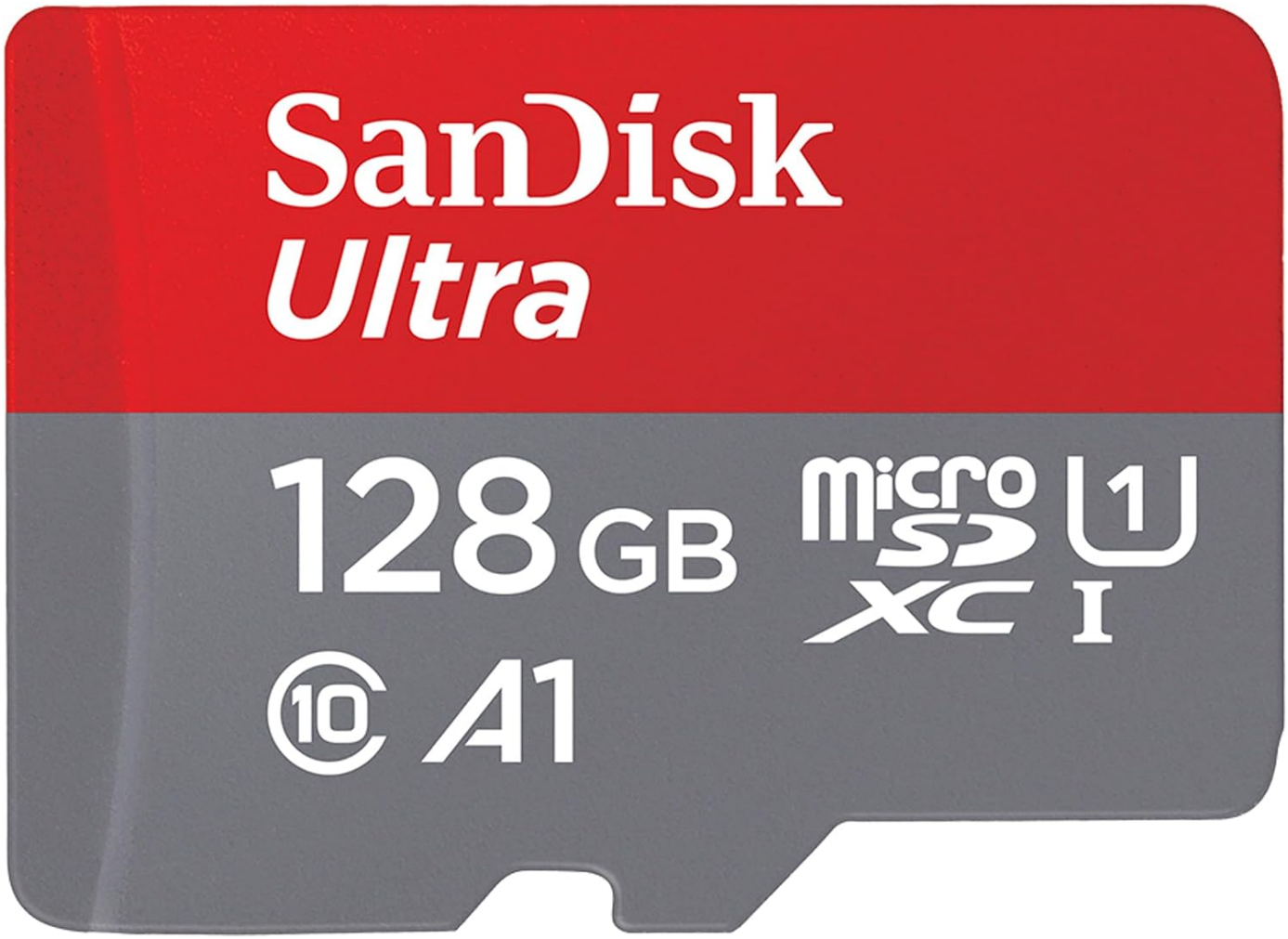


Image 1.1: Front view of the SanDisk Ultra 128GB microSDXC card, showing the SanDisk Ultra branding, 128GB capacity, microSDXC, U1, and A1 ratings.

2. Setup and Installation

The SanDisk Ultra microSDXC card is designed for easy installation in compatible devices. Always ensure your device is powered off before inserting or removing the memory card.

2.1 Inserting the microSD Card

1. **Locate the Card Slot:** Identify the microSD card slot on your device (smartphone, tablet, camera, etc.). This is often found on the side, under the battery cover, or within a SIM/SD card tray.
2. **Orient the Card:** Hold the SanDisk Ultra microSD card with the gold contacts facing down (or as indicated by your device's manual) and the notched corner aligned with the slot.
3. **Insert the Card:** Gently push the card into the slot until it clicks into place. Do not force the card, as this may damage the card or the device.
4. **Power On:** Once the card is securely inserted, power on your device.

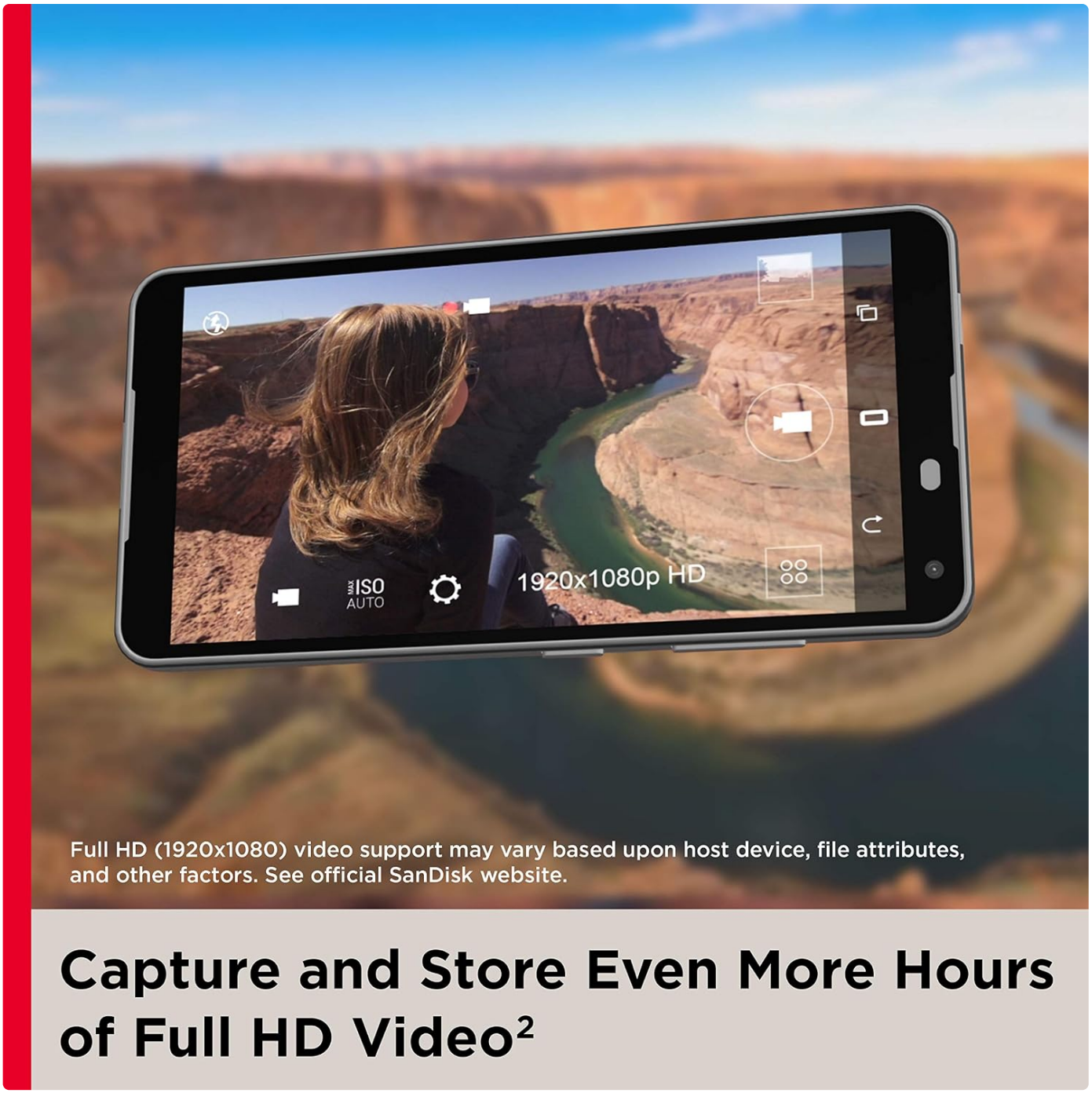


Image 2.1: A hand inserting the SanDisk Ultra microSD card into the dedicated slot of a smartphone, demonstrating the correct orientation.

2.2 Using the SD Adapter

The included SD adapter allows you to use your microSD card with devices that have a standard SD card slot, such as laptops, desktop computers, and some digital cameras.

1. **Insert microSD into Adapter:** Slide the SanDisk Ultra microSD card into the designated slot on the side of the SD adapter until it clicks.
2. **Insert Adapter into Device:** Insert the SD adapter (with the microSD card inside) into the SD card slot of your computer or camera.
3. **Access Data:** Your device should recognize the card as a removable storage drive, allowing you to access, transfer, or store files.



Image 2.2: The SanDisk Ultra microSD card positioned next to its black SD adapter, illustrating how the smaller card fits into the larger adapter.

2.3 Initial Formatting (If Required)

While most devices will automatically format the card upon first use, some may require manual formatting. Refer to your device's user manual for specific instructions on how to format external storage.

- Formatting will erase all data on the card. Back up any important files before proceeding.
- For optimal performance, format the card using the device it will primarily be used with.

3. Operating the Memory Card

The SanDisk Ultra microSDXC card enhances your device's capabilities by providing additional storage for various types of data.

3.1 Storing Photos and Videos

The card is ideal for storing high-resolution photos and Full HD (1920x1080) videos. Many cameras and smartphones can be configured to save media directly to the microSD card.

- **Camera Settings:** In your camera or smartphone settings, locate the storage options and select the microSD card as the default save location for photos and videos.
- **Full HD Video:** The Class 10 speed rating ensures smooth Full HD video recording and playback.



Image 3.1: A smartphone screen showing a camera application interface, indicating Full HD (1920x1080) video capture capability,

highlighting the card's suitability for high-definition media.

3.2 App Performance (A1-rated)

With A1-rated performance, the SanDisk Ultra microSD card is optimized for faster app loading and improved app performance on compatible Android smartphones and tablets.

- **Move Apps to SD Card:** Some Android devices allow you to move installed applications or parts of them to the SD card to free up internal storage. Check your device's application settings for this option.
- **Faster App Launch:** The A1 rating means the card delivers 1500 read IOPS and 500 write IOPS, contributing to a smoother app experience.



Image 3.2: A smartphone and tablet side-by-side, both displaying the Android operating system logo, emphasizing the card's compatibility with Android devices.

3.3 Data Transfer

The card offers transfer speeds of up to 140MB/s, allowing for quick movement of files between the card and a computer or other devices.

- **Using a Card Reader:** For fastest transfer speeds to a computer, use a compatible USB 3.0 card reader.
- **Direct Connection:** Connect your device (e.g., smartphone) to a computer via USB and access the card's contents as a removable drive.

Fast Transfer Speeds



Image 3.3: A laptop screen displaying multiple images being transferred, with a SanDisk Ultra microSD card and a USB card reader visible in the foreground, illustrating fast data transfer.

4. Maintenance and Care

Proper care ensures the longevity and reliability of your SanDisk Ultra microSDXC card.

- **Safe Removal:** Always "eject" or "unmount" the memory card from your device's software settings before physically removing it. This prevents data corruption.
- **Physical Protection:** Store the card in its protective case or a secure slot when not in use to prevent physical damage to the contacts or the card body.
- **Cleaning:** If the gold contacts appear dirty, gently wipe them with a clean, dry, lint-free cloth. Avoid using abrasive materials or liquids.

- **Environmental Protection:** The card is designed to be durable, but avoid exposing it to extreme temperatures beyond its operating range, strong magnetic fields, or corrosive chemicals.
- **Data Backup:** Regularly back up important data from your memory card to another storage device (e.g., computer hard drive, cloud storage) to prevent data loss in case of unforeseen issues.

5. Troubleshooting

If you encounter issues with your SanDisk Ultra microSDXC card, try the following solutions:

Problem	Possible Cause	Solution
Card not recognized by device.	Incorrect insertion, incompatible device, dirty contacts, card error.	• Ensure card is fully and correctly inserted. • Verify device compatibility with microSDXC cards. • Clean card contacts. • Try the card in another compatible device. • Restart your device.
Slow performance or app loading.	Card nearly full, fragmented data, device limitations.	• Free up space on the card. • Reformat the card (after backing up data). • Ensure your device supports A1 performance.
Cannot write or delete files.	Card is write-protected (if using SD adapter), card error, full storage.	• If using the SD adapter, ensure the write-protect switch is in the "unlocked" position. • Check available storage space. • Try formatting the card (after backing up data).
Data corruption or missing files.	Improper removal, power loss during transfer, faulty card.	• Always safely eject the card. • Use data recovery software (third-party). • If issues persist, the card may be faulty.

6. Specifications

Feature	Detail
Model Name	SanDisk Ultra microSDXC UHS-I card
Model Number	SDSQUAB-128G-GN6MA
Capacity	128 GB

Feature	Detail
Flash Memory Type	Micro SDXC
Read Speed	Up to 140 MB/s
Write Speed	Varies (optimized for A1 performance)
Speed Class	Class 10, U1, A1
Dimensions (LxWxH)	0.04 x 0.59 x 0.43 inches (0.04"L x 0.59"W)
Weight	0.16 ounces (4.54 g)
Special Features	Drop Proof, Humidity Proof, Magnetic Proof, Temperature Proof, Water Proof, Wearout Proof, X Ray Proof
Compatible Devices	Android smartphones and tablets, MIL cameras, Nintendo-Switch (NOT Nintendo-Switch 2), SanDisk MobileMate USB 3.0 microSD Card Reader

7. Warranty and Support

Your SanDisk Ultra microSDXC UHS-I Memory Card comes with a limited warranty provided by Western Digital Technologies, Inc. For specific warranty terms and conditions, please refer to the official SanDisk website or the documentation included with your purchase.

7.1 Customer Support

For technical assistance, product inquiries, or warranty claims, please visit the official SanDisk support website. You can typically find FAQs, troubleshooting guides, and contact information for customer service there.
Note: Always retain your proof of purchase for warranty purposes.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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