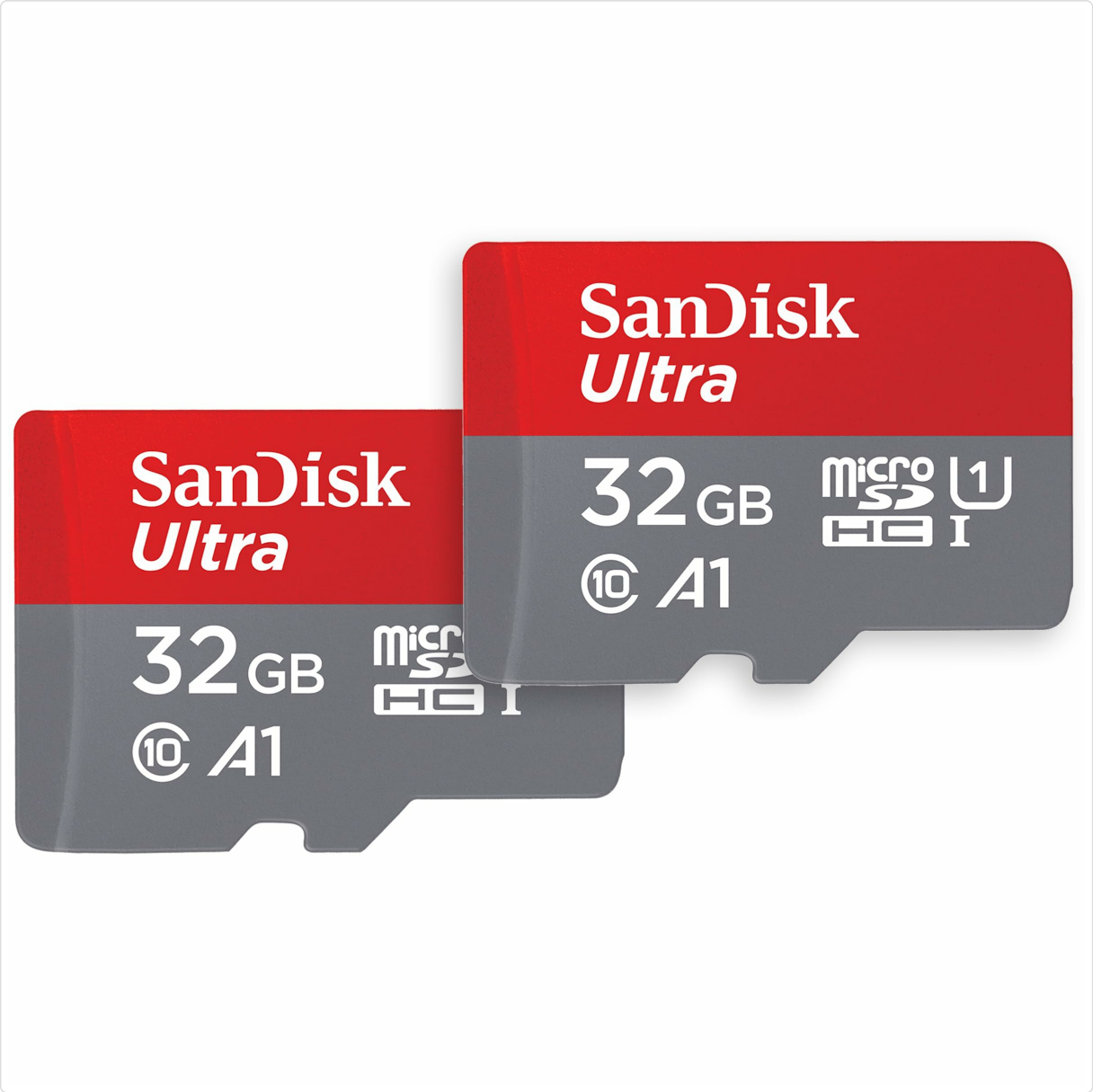
SanDisk SDSQUA4-032G-GN6MT

SanDisk 32GB Ultra microSDHC UHS-I Memory Card Instruction Manual

Product Overview

The SanDisk Ultra microSD UHS-I card provides expanded storage and fast performance for compatible devices, allowing you to shoot, save, and share more content than ever before. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your memory card.



This image displays two SanDisk Ultra 32GB microSDHC UHS-I memory cards, highlighting their compact form factor and branding.

Setup Guide

Inserting the microSD Card

1. Locate the microSD card slot on your device (smartphone, tablet, camera, etc.). Refer to your device's user manual for exact location.
2. Orient the SanDisk Ultra microSD card with the gold contacts facing down or as indicated by your device's slot.
3. Gently insert the card into the slot until it clicks into place. Do not force the card.

Formatting the microSD Card (Optional, but Recommended for New Cards)

1. Insert the card into your device or a card reader connected to a computer.
2. On a smartphone/tablet: Go to **Settings** > **Storage** > **SD Card** and look for a "Format" or "Erase SD Card" option.
3. On a computer: Open "This PC" (Windows) or "Finder" (macOS), right-click the drive representing the microSD card, and select "Format". Choose a file system (e.g., FAT32 for 32GB cards, exFAT for larger capacities if applicable) and perform a quick format.

4. Confirm the formatting process. Note that formatting will erase all data on the card.

Operation

Key Features and Usage

- **Expanded Storage:** Provides 32GB of storage capacity, ideal for storing Full HD video, photos, and applications.
- **Fast Transfer Speeds:** Achieves up to 120MB/s read speeds, enabling quick transfer of files, such as moving up to 1000 photos in a minute. Write speeds are lower.
- **A1-Rated Performance:** Optimized for faster app loading and performance on Android smartphones and tablets, with 1500 read IOPS and 500 write IOPS.
- **Full HD Video Support:** Capable of recording and storing Full HD (1920x1080) video, though compatibility may vary based on the host device.
- **Versatile Compatibility:** Designed for use with Android smartphones, tablets, and MIL (Mirrorless Interchangeable Lens) cameras.

Maintenance and Care

- **Safe Removal:** Always safely eject the memory card from your device or computer before physically removing it to prevent data corruption.
- **Keep Clean:** Avoid touching the gold contacts on the card. If necessary, gently clean them with a soft, lint-free cloth.
- **Protect from Elements:** The card is designed to be durable (drop proof, humidity proof, magnetic proof, temperature proof, water proof, wearout proof, X-ray proof), but avoid extreme conditions or unnecessary exposure to moisture and static electricity.
- **Regular Backups:** Periodically back up important data from the memory card to another storage device (e.g., computer hard drive, cloud storage) to prevent data loss.

Troubleshooting

Card Not Detected

- Ensure the card is fully and correctly inserted into the device's slot.
- Try inserting the card into another compatible device or a different card reader to determine if the issue is with the card or the device.
- Clean the card's gold contacts with a soft, dry cloth.
- Restart your device.

Slow Performance

- Ensure your device supports the card's speed class (UHS-I, Class 10).
- Check if the card is nearly full; performance can degrade when storage is almost exhausted.
- Format the card (after backing up data) to resolve potential file system fragmentation or corruption.
- Verify that the host device's USB port or card reader supports high-speed transfers (e.g., USB 3.0 for optimal speeds).

Data Corruption or Errors

- Always safely eject the card before removal.

- Run a disk check or error-checking utility on the card via a computer.
- If issues persist, the card may be faulty. Back up any recoverable data immediately.

Technical Specifications

Feature	Detail
Brand	SanDisk
Model Name	SanDisk Ultra microSDHC UHS-I card
Flash Memory Type	Micro SD
Memory Storage Capacity	32 GB
Read Speed	120 Megabytes Per Second
Write Speed	40x
Hardware Interface	microSDHC
Secure Digital Association Speed Class	Class 10
Special Features	Drop Proof, Humidity Proof, Magnetic Proof, Temperature Proof, Water Proof, Wearout Proof, X Ray Proof
Compatible Devices	MIL Cameras, Smartphone, Tablet
Item Model Number	SDSQUA4-032G-GN6MT
Product Dimensions	0.04"L x 0.59"W
Item Weight	0.16 ounces (4.54 g)

Warranty and Support

Manufacturer Warranty

The SanDisk Ultra microSDHC UHS-I Memory Card comes with a 10-year manufacturer warranty. For specific details regarding warranty terms and conditions in your region, please refer to the official SanDisk website.

Customer Support

For further assistance, technical support, or warranty claims, please visit the official SanDisk support website or contact their customer service. You can find more information and support resources at the SanDisk Store on Amazon or the main SanDisk website.

Important Note on Videos

No official product videos were available in the provided data to be included in this manual.