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## SanDisk SDSQUA4-064G-GN6MA

# SanDisk 64GB Ultra microSDXC UHS-I Memory Card with Adapter

Model: SDSQUA4-064G-GN6MA
Brand: SanDisk

## 1. Introduction

The SanDisk 64GB Ultra microSDXC UHS-I Memory Card with Adapter is designed to provide reliable and expanded storage for compatible devices such as Android smartphones, tablets, and MIL cameras. This manual outlines the features, setup, operation, and care instructions for your memory card.

## 2. Product Features

- **Capacity:** 64GB, providing ample space for Full HD video and thousands of photos.
- **Transfer Speeds:** Up to 120MB/s read speed, engineered with proprietary technology to reach speeds beyond UHS-I 104MB/s. Write speeds are lower.
- **Application Performance:** A1-rated performance for faster app loading and smoother smartphone experience.
- **Durability:** Designed to be water-proof, temperature-proof, shock-proof, and X-ray proof.
- **Compatibility:** Ideal for Android smartphones and tablets, and MIL cameras.
- **Included Adapter:** Comes with an SD adapter for compatibility with standard SD card slots.

## 3. Package Contents

Your SanDisk 64GB Ultra microSDXC UHS-I Memory Card package includes:

- 1 x SanDisk 64GB Ultra microSDXC UHS-I Memory Card
- 1 x SD Adapter




Image: The SanDisk 64GB Ultra microSDXC card (red and gray) shown next to its black SD adapter.

## 4. Setup and Installation

To begin using your SanDisk Ultra microSD card, follow these steps:

1. **Unboxing:** Carefully open the product packaging. It is recommended to cut along the dotted line on the back of the package with scissors and then gently squeeze the sides open to access the card and adapter.
2. **Insert into Device:** Locate the microSD card slot on your compatible device (e.g., smartphone, tablet, camera, Chromebook). Insert the microSD card into the slot until it clicks into place. If your device uses a standard SD card slot, insert the microSD card into the provided SD adapter first, then insert the adapter into your device.
3. **Formatting (if necessary):** Some devices may require you to format the memory card before first use. Follow the on-screen prompts or refer to your device's user manual for specific formatting instructions. Formatting will erase all data on the card, so ensure it is empty or backed up if it contains important files.




Image: Close-up view of the SanDisk 64GB Ultra microSDXC card, highlighting its red and gray design with capacity and speed ratings.

## 5. Operating Instructions

Once installed, your SanDisk Ultra microSD card functions as expanded storage for your device.

- **Storing Photos and Videos:** Direct your device's camera settings to save photos and videos directly to the microSD card.
- **Transferring Data:** To transfer files to or from the card, you can use the included SD adapter with a computer's SD card slot, or a USB card reader (not included) for faster transfer speeds.
- **Running Apps:** Thanks to its A1 rating, this card is optimized for running phone applications directly from the card, improving your device's performance.

## 6. Understanding Your SanDisk Ultra microSD Card

The symbols and markings on your SanDisk Ultra microSD card provide important information about its capabilities:

- **"Ultra":** This indicates the product line within SanDisk's memory card classification. The "Ultra" series is SanDisk's entry-level memory card, designed for everyday use. Higher tiers include Ultra Plus, Extreme, Extreme Plus, and Extreme Pro, offering progressively better performance.
- **"64GB":** This denotes the storage capacity of the card, which is 64 Gigabytes. A 64GB card can store approximately 8,000 pictures or 80 minutes of 1080p Full HD video. This card is not recommended for 4K video recording.
- **"microSDXC":** This refers to the card's type. microSDXC (Secure Digital eXtended Capacity) cards have capacities ranging from 64GB up to 2TB. Older microSDHC (Secure Digital High Capacity) cards typically range from 4GB to 32GB. Ensure your device is compatible with microSDXC cards.

- **"UHS-I" (Roman Numeral I):** This indicates the UHS (Ultra High Speed) bus interface speed. Roman numeral I signifies a bus speed that supports up to 104 MB/s. Higher ratings like II and III offer faster bus speeds.
- **"C10" (Circled 10) and "U1" (U with 1 inside):** These symbols represent the Speed Class and UHS Speed Class, respectively. Both indicate a minimum write performance of 10 MB/s. This speed is suitable for Full HD (1080p) video recording. For 4K video recording, a higher speed class like V30 (30 MB/s minimum write speed) is typically required.
- **"A1":** This is the Application Performance Class. A1-rated cards are optimized for running phone applications directly from the card, offering faster app loading and smoother performance. A2 is a higher rating for even better app performance.

## 7. Maintenance and Care

To ensure the longevity and optimal performance of your SanDisk Ultra microSD card, follow these guidelines:

- **Physical Protection:** Avoid bending, dropping, or exposing the card to excessive force. While durable, physical damage can impair functionality.
- **Temperature and Humidity:** Keep the card within its specified operating temperature range (typically -25°C to 85°C) and away from extreme humidity.
- **Proper Ejection:** Always safely eject the memory card from your device before removing it to prevent data corruption.
- **Cleaning:** If necessary, gently wipe the gold contact pins with a soft, lint-free cloth. Avoid using abrasive materials or harsh chemicals.

## 8. Troubleshooting

If you encounter issues with your SanDisk Ultra microSD card, consider the following common solutions:

- **Card Not Recognized:**
  - Ensure the card is fully and correctly inserted into the device or adapter.
  - Try inserting the card into a different compatible device or card reader to rule out a device-specific issue.
  - Restart your device.
- **Slow Performance:**
  - Ensure your device supports UHS-I speeds. Older devices may not fully utilize the card's speed capabilities.
  - Check if the card is nearly full. A full card can experience slower performance.
  - Consider reformatting the card (after backing up data) if performance issues persist.
- **Data Corruption/Loss:**
  - Always safely eject the card before removal.
  - Avoid removing the card during data transfer or while the device is actively writing to it.
  - If data is lost, specialized data recovery software may be able to retrieve it, but success is not guaranteed.

## 9. Specifications

| Feature | Detail |
| --- | --- |
| Brand | SanDisk |

| | |
|---|---|
| Model Name | SanDisk Ultra microSDXC UHS-I card |
| Item Model Number | SDSQUA4-064G-GN6MA |
| Flash Memory Type | Micro SDXC |
| Memory Storage Capacity | 64 GB |
| Read Speed | 120 Megabytes Per Second |
| Write Speed | 50 MB/s |
| Hardware Interface | microSDXC |
| 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 |
| Product Dimensions | 0.5"L x 0.4"W |
| Item Weight | 0.16 ounces |

## 10. Warranty and Support

Your SanDisk Ultra microSDXC UHS-I Memory Card comes with a**10-year limited warranty** from the manufacturer, Western Digital Technologies, Inc. For warranty claims or technical support, please refer to the official SanDisk support channels or visit the SanDisk Store on Amazon.


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