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SanDisk SDSQUAC-1T50-GN6MA

SanDisk 1.5TB Ultra microSDXC UHS-I Memory Card User Manual

Model: SDSQUAC-1T50-GN6MA

1. Introduction

The SanDisk 1.5TB Ultra microSDXC UHS-I Memory Card is designed to expand the storage capacity of your compatible devices, including Android smartphones and tablets, Chromebooks, and Windows laptops. This high-capacity memory card provides ample space for storing a vast collection of photos, videos, documents, games, and more, enhancing your device's capabilities without compromising performance. Its accelerated read speeds ensure quick content transfer and efficient operation.

2. Key Features

- **High Capacity:** Up to 1.5TB of storage, ideal for extensive media collections and Full HD video recording.
- **Fast Transfer Speeds:** Up to 150MB/s read speeds for quick file transfers.
- **A1-Rated Performance:** Optimized for faster app loading and performance on compatible devices.
- **Versatile Compatibility:** Works with Android smartphones and tablets, Chromebooks, and Windows laptops. Compatible with Nintendo-Switch (NOT Nintendo-Switch 2).
- **Includes Adapter:** Comes with an SD adapter for broader compatibility with devices featuring standard SD card slots.
- **SanDisk Memory Zone App:** Manage your device's files in one location (download and installation required).
- **Durable Design:** Features a drop-proof design for enhanced reliability.

3. Setup and Installation

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

1. **Identify Card Slot:** Locate the microSD card slot on your device (smartphone, tablet, Chromebook, or laptop). Some devices may require a SIM ejector tool to open the tray.
2. **Insert microSD Card:** Carefully insert the SanDisk Ultra microSDXC card into the designated slot. Ensure the gold contacts on the card align with the contacts in the device's slot. Push gently until it clicks into place.
3. **Using the SD Adapter:** If your device only has a standard SD card slot (e.g., some laptops or cameras), insert the microSD card into the included SanDisk SD adapter first, then insert the adapter into your device's SD card slot.



Figure 3.1: SanDisk Ultra microSDXC card with its included SD adapter. The microSD card fits into the larger SD adapter for compatibility with various devices.



Figure 3.2: Proper insertion of the SanDisk Ultra microSDXC card into a device's card slot. Ensure correct orientation for a secure fit.

Upon successful insertion, your device should recognize the new storage. You may receive a notification to format the card. It is recommended to format the card within your device for optimal compatibility and performance. Formatting will erase all data on the card, so ensure it is empty or backed up before proceeding.

4. Operating the Memory Card

Once installed and formatted, your SanDisk Ultra microSDXC card functions as an extension of your device's internal storage. You can use it for various purposes:

- **Storing Files:** Save photos, videos, music, documents, and other files directly to the card.
- **App Storage:** On Android devices, you can move compatible applications to the microSD card to free up internal storage.
- **File Transfer:** Utilize the card for quick transfer of large files between devices. When used with a compatible USB 3.0 microSD card reader (sold separately), you can achieve read speeds up to 150MB/s.



Figure 4.1: The SanDisk Ultra microSDXC card paired with a SanDisk MobileMate USB 3.0 microSD card reader (sold separately) for high-speed data transfer to a laptop.

SanDisk Memory Zone App

The SanDisk Memory Zone app (available for download) provides a centralized location to view, access, and back up files from your phone's internal memory and the SanDisk card. This app simplifies content management and helps optimize your device's storage.



Figure 4.2: The SanDisk Memory Zone app logo, indicating a tool for managing your digital content.

5. Maintenance and Care

To ensure the longevity and optimal performance of your SanDisk Ultra microSDXC card, consider the following maintenance tips:

- **Safe Removal:** Always safely eject the memory card from your device before physically removing it to prevent data corruption.
- **Physical Protection:** Store the card in its protective case or a secure slot when not in use to prevent physical damage. Avoid bending or applying excessive force.
- **Keep Contacts Clean:** If necessary, gently clean the gold contacts with a soft, lint-free cloth. Avoid touching the contacts directly with your fingers.
- **Temperature and Humidity:** Avoid exposing the card to extreme temperatures or high humidity, as these conditions can affect performance and data integrity.
- **Regular Backups:** Periodically back up important data from your memory card to another storage device (e.g.,

computer hard drive, cloud storage) to prevent data loss.

- **Drop Proof:** The card is designed to be drop-proof, offering enhanced durability against accidental drops.

6. Troubleshooting

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

- **Card Not Recognized:**
  - Ensure the card is fully and correctly inserted into the device's slot or adapter.
  - Restart your device.
  - Try the card in another compatible device to determine if the issue is with the card or the original device.
  - Check for any physical damage to the card or the device's card slot.
- **Slow Performance/Loading Times:**
  - Ensure your device supports UHS-I speeds. Older devices may not fully utilize the card's speed capabilities.
  - If transferring files, use a compatible USB 3.0 card reader for optimal speeds.
  - For gaming, loading times may vary compared to internal storage or faster SSDs.
  - Ensure the card is not nearly full, as this can impact performance.
- **Data Corruption/Errors:**
  - Always safely eject the card before removal.
  - If data corruption persists, back up any recoverable data and reformat the card.
- **Formatting for Specific Systems (e.g., Steam Deck/Linux):**
  - Some operating systems or devices (like the Steam Deck) may require the card to be formatted to a specific file system (e.g., ext4 for Linux) for optimal integration. Refer to your device's documentation for specific formatting requirements.

7. Specifications

Feature	Detail
Brand	SanDisk
Model Name	SanDisk Ultra microSD UHS-I card
Item Model Number	SDSQUAC-1T50-GN6MA
Memory Storage Capacity	1.5 TB
Flash Memory Type	Micro SDXC
Read Speed	Up to 150 Megabytes Per Second
Write Speed	256 MB/s (*Note: This value seems unusually high compared to typical microSD write speeds and read speeds. Users should refer to official SanDisk specifications for precise write speed.*)
Hardware Interface	microSDXC

Secure Digital Association Speed Class	Class 10, U1, A1
Compatible Devices	Chromebooks, Smartphone, Tablet, Windows Laptops, Nintendo-Switch
Product Dimensions (LxWxH)	0.04 x 0.59 x 0.1 inches
Item Weight	0.16 ounces
Special Feature	Drop Proof
UPC	619659203573

8. Warranty and Support

The SanDisk 1.5TB Ultra microSDXC UHS-I Memory Card comes with a**10-year limited manufacturer warranty**. For detailed warranty terms, conditions, and to register your product, please visit the official SanDisk website. For technical support or further assistance, refer to the support section on the SanDisk website or contact their customer service.
Official SanDisk Website: www.sandisk.com

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