

[Manuals.plus](#) /

› [SanDisk](#) /

› SanDisk 512GB Extreme PRO SDXC UHS-I Card Instruction Manual (SDSDXPA-512G-G46)

## SanDisk SDSDXPA-512G-G46

# SanDisk 512GB Extreme PRO SDXC UHS-I Card Instruction Manual

Model: SDSDXPA-512G-G46

## INTRODUCTION

The SanDisk 512GB Extreme PRO SDXC UHS-I Card is designed for high-performance digital imaging and video recording. It offers write speeds up to 90 MB/s and is rated UHS Speed Class 3 (U3), making it suitable for capturing high-resolution, real-world color, and smooth 4K Ultra HD video. With transfer speeds up to 95 MB/s, it facilitates a more efficient post-production workflow. This card is compatible with SDXC and SDXC UHS-I enabled host devices.



Image: Front view of the SanDisk 512GB Extreme PRO SDXC UHS-I Card, showing its capacity and speed ratings.

## PRODUCT FEATURES

- **High Speed Performance:** Shot speeds up to 90MB/s and transfer speeds up to 95 MB/s.
- **4K Ultra HD Ready:** Engineered to capture 4K Ultra High Definition video with UHS Speed Class 3 (U3) rating.
- **Durable Design:** Built for and tested in harsh conditions, making it temperature proof, water proof, shock proof, and x-ray proof.
- **Data Security:** Features a built-in write-protect switch to prevent accidental data loss.
- **Operating Temperature:** Functions reliably in temperatures ranging from -13°F to 185°F (-25°C to 85°C).
- **Storage Temperature:** Can be stored in temperatures from -40°F to 185°F (-40°C to 85°C).
- **Data Recovery Software:** Includes a 1-year downloadable RescuePro data recovery software offer to help recover accidentally deleted images.
- **Dimensions:** Measures 0.94 x 1.25 x 0.08 inches (24 x 32 x 2.1 millimeters).

## SETUP AND INSTALLATION

To begin using your SanDisk Extreme PRO SDXC UHS-I Card, follow these steps for proper installation into a compatible device.

1. **Identify the SD Card Slot:** Locate the SD card slot on your camera, computer, or other compatible device. Ensure the device supports SDXC and UHS-I cards. This card is not compatible with micro SD or mini SD slots.
2. **Orient the Card:** Hold the SD card with the label facing upwards (or as indicated by your device's manual) and the metal contacts facing towards the device.
3. **Insert the Card:** Gently slide the card into the slot until it clicks into place. Do not force the card. If it does not slide in easily, re-check the orientation.
4. **Check Write-Protect Switch:** Before inserting, ensure the small switch on the side of the SD card is in the "unlocked" (upward) position if you intend to write data to the card. If it is in the "locked" (downward) position, the card will be read-only, preventing new data from being written or existing data from being deleted.



Image: Front view of the SanDisk Extreme PRO SDXC UHS-I Card, showing the label and design. Note the small write-protect switch on

**SanDisk**

www.sandisk.com

**SanDisk Extreme PRO<sup>®</sup> | SDXC™ UHS-I Card**

**English** — \* Up to 95MB/s read speed; up to 90MB/s write speed. Based on internal testing; performance may be lower depending upon host device.

**Français** — \* Jusqu'à 95Mo/s en vitesse de lecture ; jusqu'à 90Mo/s en vitesse d'écriture. Basé sur des tests effectués en interne ; les performances peuvent être inférieures selon le périphérique hôte.

**Español** — \* Velocidad de lectura de hasta 95MB/s; velocidad de escritura hasta 90MB/s. Basado en pruebas internas; el rendimiento puede ser inferior según el dispositivo anfitrión.

**Português** — \* Até 95MB/s de velocidade de leitura; velocidade de escrita de até 90MB/s. Com base em testes internos; o desempenho pode ser mais baixo dependendo do dispositivo anfitrião.

**Deutsch** — \* Lesegeschwindigkeit von bis zu 95MB/s; Schreibgeschwindigkeit von bis zu 90MB/s. Gemäß internen Tests; Leistung kann je nach Hostgerät niedriger sein.

**Italiano** — \* Velocità di lettura fino a 95MB/s; velocità di scrittura fino a 90MB/s. In base ai test interni; le prestazioni possono essere inferiori a seconda della periferica host.

**Nederlands** — \* Leesnelheid maximaal 95MB per seconde; schrijfsnelheid maximaal 90MB. Gebaseerd op intern uitgevoerde testen; prestaties kunnen langzamer zijn, afhankelijk van het hostapparaat.

**Русский** — \* Скорость чтения — до 95МБ/с; скорость записи — до 90МБ/с. Указанные характеристики основаны на внутренних тестах; производительность может быть ниже заявленной, в зависимости от главного устройства.

**Polski** — \* Prędkość odczytu do 95MB/s; prędkość zapisu do 90MB/s. Na podstawie wewnętrznych testów; wydajność może być niższa w zależności od używanego urządzenia.

**Ελληνικά** — \* Ταχύτητα ανάγνωσης/εγγραφής έως 95MB/δευτερόλεπτο. Ταχύτητα εγγραφής έως 90MB/δευτερόλεπτο. Βάσει εσωτερικών μετρήσεων. Η πραγματική απόδοση ενδέχεται να είναι μικρότερη ανάλογα με την χρησιμοποιούμενη συσκευή.

**Magyar** — \* Max. 95MB/mp olvasási sebesség; max 90MB/mp írási sebesség. Belső tesztvizsgálat eredménye; a gazdakészülékől függően a teljesítmény gyengébb lehet.

**Slovenščina** — \* Do 95MB/s hitrosti branja; do 90MB/s hitrosti zapisovanja. Na podlagi notranjega preizkušanja; učinkovitost je lahko manjša glede na gostiteljsko napravo.

**Български** — \* Скорост на четене до 95MB/s; скорост на записване до 90MB/s. Базирано на вътрешно тестване; производителността може да бъде по-ниска в зависимост от хост-устройството.

**Українська** — \* Швидкість зчитування до 95Мб/с; швидкість запису до 90Мб/с. За результатами внутрішніх випробувань; продуктивність може бути нижчою в залежності від хост-пристрою.

Water proof, Temperature proof, Shock proof, X-Ray proof / Hydrofuge, À l'épreuve de la température, À l'épreuve des chocs, À l'épreuve des rayons X / Impermeável, Resistente a temperaturas elevadas, Resistente a choques, Resistente a raios X / Impermeabile, Resistente alle temperature, Resistente agli urti, Resistente ai raggi X / Защита от воды, Защита от температурного воздействия, Защита от ударов, Защита от рентгеновского излучения. www.sandisk.com/proof

\* 1MB / Mo / МБ / Mб = 1,000,000 bytes / octets / Byte / di byte / byte / байт / bajtów / bájt / bajtov / байта. X = 150 KB, Ko, Kó / s., c., деут., mp.

\*\* 1GB / Go / Гб = 1,000,000,000 bytes / octets / Byte / di byte / byte / байт / bajtów / bájt / bajtov / байта. Actual user storage less / Stockage utilisateur réel moins / Almacenamiento real del usuario es menor / O armazenamento real do utilizador é inferior / Tatsächlicher Speicher für Benutzer geringer / Archiviazione effettiva minore / Werkelijke gebruikersopslag is minder / Реальный объем хранения меньше / Rzeczywista pojemność użytkowa jest mniejsza / O πραγματικός αποθηκευτικός χώρος είναι μικρότερος / A tényleges felhasználói tárolókapacitás kisebb / Manjši dejanski uporabniški romnilnik / Реалният капацитет на паметта е по-малък / Фактичного місця для зберігання менше.

1 4K Ultra HD (3840x2160) and Ultra HD video support may vary / La prise en charge de la Ultra HD 4K (3840x2160) et Ultra HD peut varier. www.sandisk.com/HD

SanDisk, RescuePRO, SanDisk Extreme PRO and the ESP Technology logo are trademarks of SanDisk Corporation, registered in the United States and other countries. The SDXC mark and logo are trademarks of SD-3C, LLC. All other trademarks are the property of their respective owners.



2 Warranty • Guide | Garantie • Guide | Garantia • Guía | Garantía • Guia | Garantie • Guide | Benutzerhandbuch | Garanzia • Guida | Garantie • Gids | Гарантийный • гид | Gwarancja • Kierowac | ξουσιοδότηση • οδηγός | Garancia • Vezető | Jamstvo • Vodič | Гаранция • Водач | Гарантія • Посібник

www.sandisk.com/wug

<sup>2</sup> 30 years Germany and regions not recognizing lifetime limited.



Made in China  
 Fabriqué en Chine • Fabricado en China • Fabricado na China • Hergestellt in China • Fabbricato in Cina • Vervaardigd in China • Сделано в Китае • Wyprodukowano w Chinach • Κατασκευάζεται στην Κίνα • Készült Kínában • Izdelan na Kitajskem • Произведено в Китае • Вироблено в Китаї



Terms and Conditions apply. See inside for details.

Europe & Asia: SanDisk International, Ltd. • Unit 100, Airside Business Park, Lakeshore Drive, Swords, Co Dublin, Ireland

Americas: SanDisk Corporation • 951 SanDisk Dr., Milpitas, CA 95035, U.S.A.

Image: Back view of the SanDisk Extreme PRO SDXC UHS-I Card, displaying various certifications and multilingual information.

## OPERATING INSTRUCTIONS

---

Once the SanDisk Extreme PRO SDXC UHS-I Card is correctly installed in your device, you can begin using it for data storage and transfer.

- **Recording Data:** For cameras and video recorders, ensure the card is formatted within the device before first use. Refer to your device's manual for specific formatting instructions. The card's UHS Speed Class 3 (U3) rating supports continuous shooting and 4K Ultra HD video recording.
- **Transferring Data:** To transfer files to or from the card, insert it into a compatible card reader connected to your computer. The card offers transfer speeds up to 95 MB/s, allowing for quick movement of large files.
- **Safe Removal:** Always safely eject the SD card from your computer or device before physically removing it to prevent data corruption.

## MAINTENANCE AND CARE

---

To ensure the longevity and optimal performance of your SanDisk Extreme PRO SDXC UHS-I Card, observe the following care guidelines:

- **Physical Protection:** While the card is designed to be shock-proof, avoid dropping it or subjecting it to excessive physical impact. Store it in a protective case when not in use.
- **Environmental Conditions:** The card is temperature proof, water proof, and x-ray proof. However, prolonged exposure to extreme conditions beyond the specified operating and storage temperatures (-13°F to 185°F / -25°C to 85°C for operation; -40°F to 185°F / -40°C to 85°C for storage) should be avoided.
- **Cleaning:** If necessary, gently wipe the metal contacts with a clean, dry, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Write-Protect Switch:** Handle the write-protect switch carefully. Avoid excessive force, as it is a mechanical component.

## TROUBLESHOOTING

---

If you encounter issues with your SanDisk Extreme PRO SDXC UHS-I Card, consider the following troubleshooting steps:

- **Card Not Recognized:**
  - Ensure the card is fully and correctly inserted into the device's SD card slot.
  - Check the write-protect switch on the side of the card. If it is in the "locked" position, some devices may not recognize it or may only allow read access.
  - Verify that your device is compatible with SDXC and UHS-I cards. Older devices may not support these specifications.
  - Try inserting the card into a different compatible device or card reader to determine if the issue is with the card or the original device.
- **Slow Performance:**
  - Ensure your device and card reader support UHS-I speeds to achieve optimal transfer rates.
  - The actual speed may vary depending on the host device, file attributes, and other factors.

- **Data Loss or Corruption:**

- Always safely eject the card from your device before removal.
- If data has been accidentally deleted, utilize the included 1-year downloadable RescuePro data recovery software offer. Visit the SanDisk website for details and download instructions.

## SPECIFICATIONS

<b>Brand</b>	SanDisk
<b>Model Name</b>	SDSDXPA-512G-G46
<b>Flash Memory Type</b>	SDXC
<b>Memory Storage Capacity</b>	512 GB
<b>Compatible Devices</b>	Camera (and other SDXC/UHS-I enabled host devices)
<b>Read Speed</b>	Up to 95 Megabytes Per Second
<b>Write Speed</b>	Up to 90 Megabytes Per Second
<b>UHS Speed Class</b>	U3
<b>SD Association Speed Class</b>	Class 10
<b>Durability Features</b>	Drop Proof, Temperature Proof, Water Proof, X-Ray Proof
<b>Operating Temperature</b>	-13°F to 185°F (-25°C to 85°C)
<b>Storage Temperature</b>	-40°F to 185°F (-40°C to 85°C)
<b>Item Dimensions (D x W x H)</b>	0.08"D x 0.94"W x 0.08"H (2.1 x 24 x 32 mm)
<b>Item Weight</b>	1.8 Grams

## WARRANTY AND SUPPORT

Your SanDisk Extreme PRO SDXC UHS-I Card comes with a **Lifetime Limited Warranty**. For detailed warranty terms and conditions, please refer to the official SanDisk website or the product packaging.

Additionally, this product includes a 1-year downloadable **RescuePro Data Recovery Software** offer. This software can assist in recovering accidentally deleted images and other files. For download instructions and support, please visit the SanDisk official support page.

For further assistance, technical support, or to access the latest drivers and software, please visit the official SanDisk support website.

