Sony SF-G64T/T1

Sony TOUGH-G Series SDXC UHS-II Card 64GB Instruction Manual

Model: SF-G64T/T1 | Brand: Sony

1. Introduction and Overview

The Sony TOUGH-G series SDXC UHS-II Card (SF-G64T/T1) is engineered for professional photographers and videographers requiring extreme durability and high-speed performance. This 64GB memory card offers exceptional read and write speeds, making it ideal for demanding tasks such as 4K video recording and continuous burst mode shooting. Its robust design ensures reliability in challenging environments.

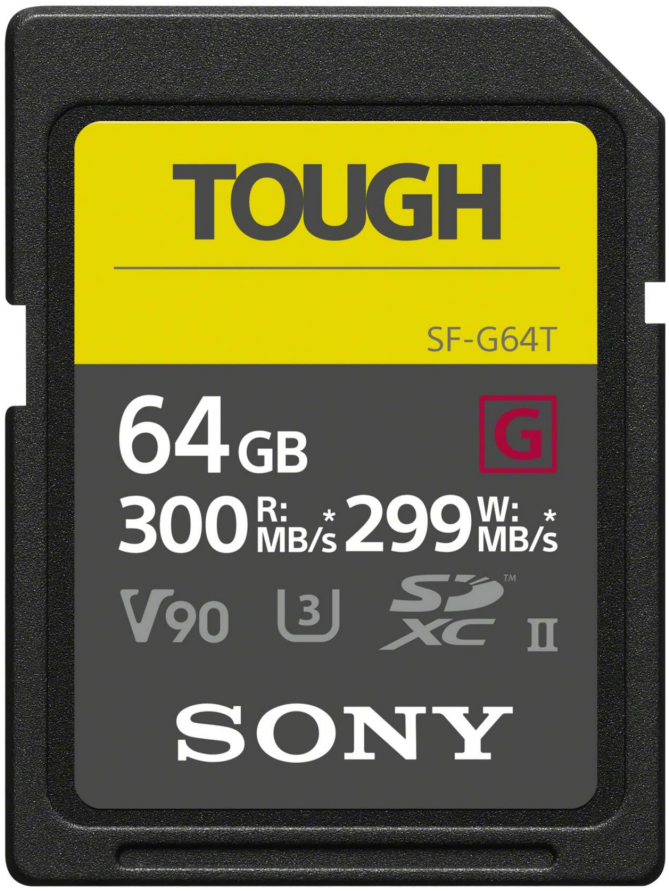


Image: The Sony TOUGH-G Series 64GB SDXC UHS-II Card, showcasing its compact and durable design.

2. Key Features

- **Tough Specifications:** World's first one-piece molded construction with high hardness materials, resulting in 18 times greater bend strength than standard SD cards.
- **Ribless, No Write Protection Switch Design:** Eliminates common fragile parts, enhancing durability and preventing accidental data loss due to switch breakage.
- **Fast File Transfer:** Achieves up to 300 MB/s read speed and up to 299 MB/s write speed. Compliant with UHS-II, Class 10, and U3 standards for efficient 4K recording and continuous burst shooting.
- **Highest Level Waterproof & Dustproof:** Completely sealed monolithic structure provides IPX8 waterproof and IP6X dustproof protection, making it suitable for extreme conditions.
- **Backward Compatible:** Fully functional with UHS-I compatible equipment, though highest performance is achieved with UHS-II compatible cameras (up to 95MB/s transfer and 90MB/s writing speeds).



Image: The Sony TOUGH-G Series SD card in its packaging, highlighting its 300MB/s read and 299MB/s write speeds.

3. Setup

To begin using your Sony TOUGH-G series SDXC UHS-II Card, follow these simple steps:

1. **Inspect the Card:** Before insertion, ensure the memory card is clean and free from any physical damage.
2. **Identify Slot:** Locate the SD card slot on your compatible device (e.g., digital camera, camcorder, computer card reader).
3. **Insert the Card:** Gently insert the memory card into the slot with the label facing the correct direction, usually upwards or towards the front of the device. Push until it clicks into place. Do not force the card.
4. **Format the Card (Recommended):** For optimal performance and to ensure compatibility, it is highly recommended to format the memory card using your device's internal formatting function before its first use. Refer to your device's manual for specific instructions on how to format an SD card.



Image: A person inserting the Sony TOUGH-G Series SD card into a camera, demonstrating the ease of setup.

4. Operating the Memory Card

The Sony TOUGH-G series SDXC UHS-II Card is designed for high-performance applications. To maximize its capabilities:

- **High-Speed Burst Shooting:** Utilize the card's fast write speeds for capturing rapid sequences of high-resolution images without buffering delays.
- **4K Video Recording:** The V90 speed class ensures stable and reliable recording of high-bitrate 4K and even 8K video content.
- **Data Transfer:** When transferring files to a computer, use a UHS-II compatible card reader to achieve the maximum read speeds of up to 300 MB/s. Using a slower reader will limit transfer speeds.

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Video: An overview of the Sony TOUGH-G series SD card, highlighting its high performance and suitability for demanding tasks like 4K video recording.

5. Maintenance and Durability

The TOUGH-G series cards are built to withstand harsh conditions. To ensure longevity and optimal performance:

- **Physical Protection:** The one-piece molded design eliminates fragile ribs and the write-protection switch, reducing common points of failure. This makes the card highly resistant to bending, dropping (up to 5 meters),

and impact.

- **Environmental Resistance:** The card is waterproof (IPX8, up to 72 hours at over 15 feet depth) and dustproof (IP6X). While designed for extreme conditions, avoid unnecessary exposure to water, dust, or extreme temperatures to prolong its lifespan.
- **Cleaning:** If necessary, gently wipe the card with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.



Image: The Sony TOUGH-G Series SD card resting on a bed of rocks, illustrating its robust and reliable construction for all conditions.

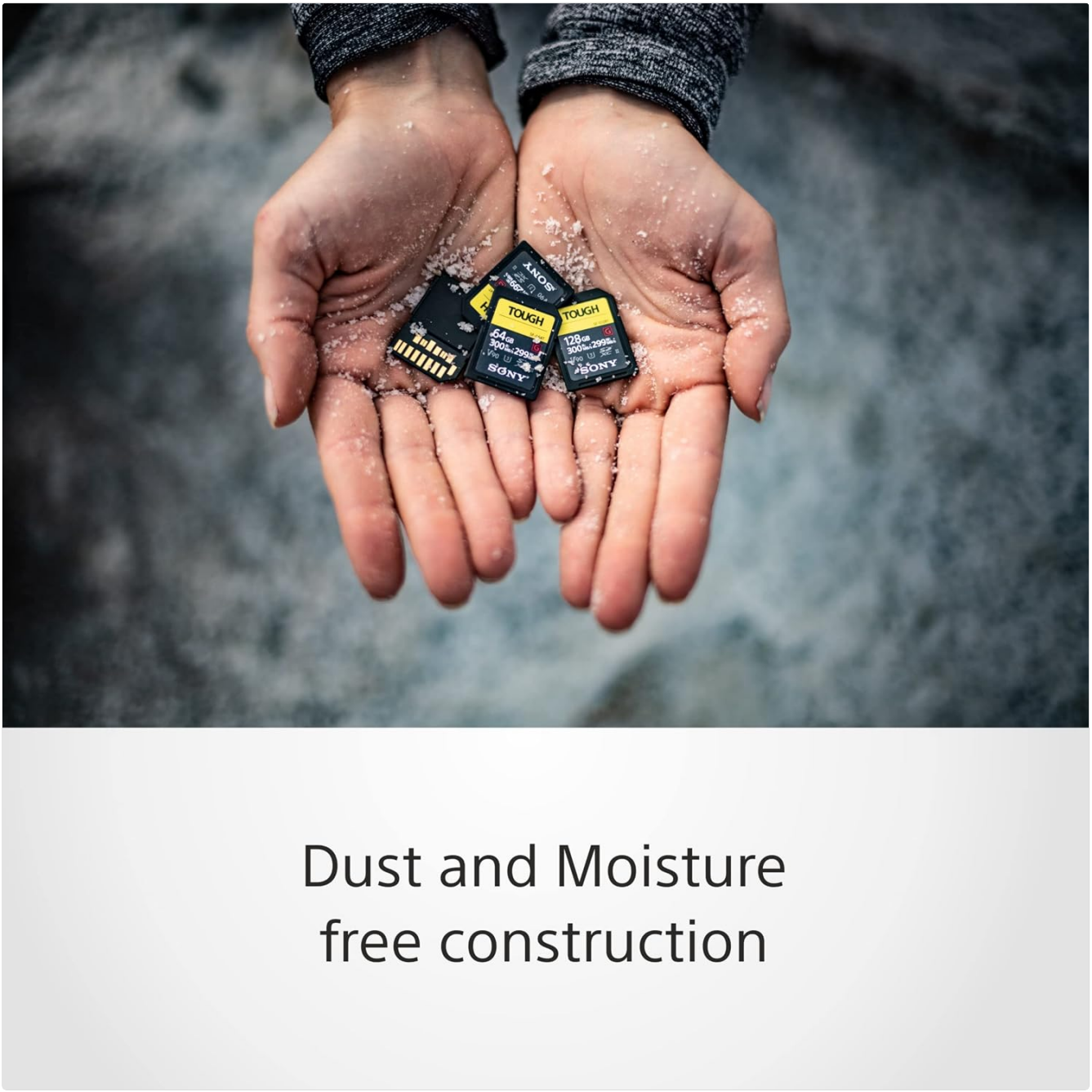


Image: Multiple Sony TOUGH-G Series SD cards held in hands with sand, emphasizing their dust and moisture-free construction.

6. Troubleshooting

If you encounter issues with your memory card, consider the following:

- **Slow Performance:** Ensure your device and card reader are UHS-II compatible to achieve maximum speeds. Older devices or readers will operate at slower UHS-I speeds.
- **Card Not Recognized:**
  - Reinsert the card firmly into the slot.
  - Try the card in another compatible device or card reader to rule out a device-specific issue.
  - Ensure the card is not physically damaged.
- **Data Corruption:** Always safely eject the card from your computer or device before removing it. Avoid removing the card during data transfer or while the device is writing to it.

- **SD Scan Utility:** Sony provides an SD Scan Utility that checks the health of the card by scanning its Flash memory. This utility can help identify potential issues before they lead to data loss. It will indicate if the card is normal, close to its write cycle limit, or if no more data can be written.

7. Specifications

Brand	Sony
Model Name	SF-G64T/T1
Flash Memory Type	SDXC
Memory Storage Capacity	64 GB
Compatible Devices	Camera
Additional Features	Drop Proof, Dust Proof, Water Proof
Read Speed	300 Megabytes Per Second
Write Speed	299 MB/s
Hardware Connectivity	SDHC (Backward compatible, but UHS-II for full speed)
Secure Digital Association Speed Class	Class 10, U3, V90
Item Weight	2 Grams
Item Dimensions (L x W)	1.26"L x 0.94"W
Color	Black
UPC	027242908321

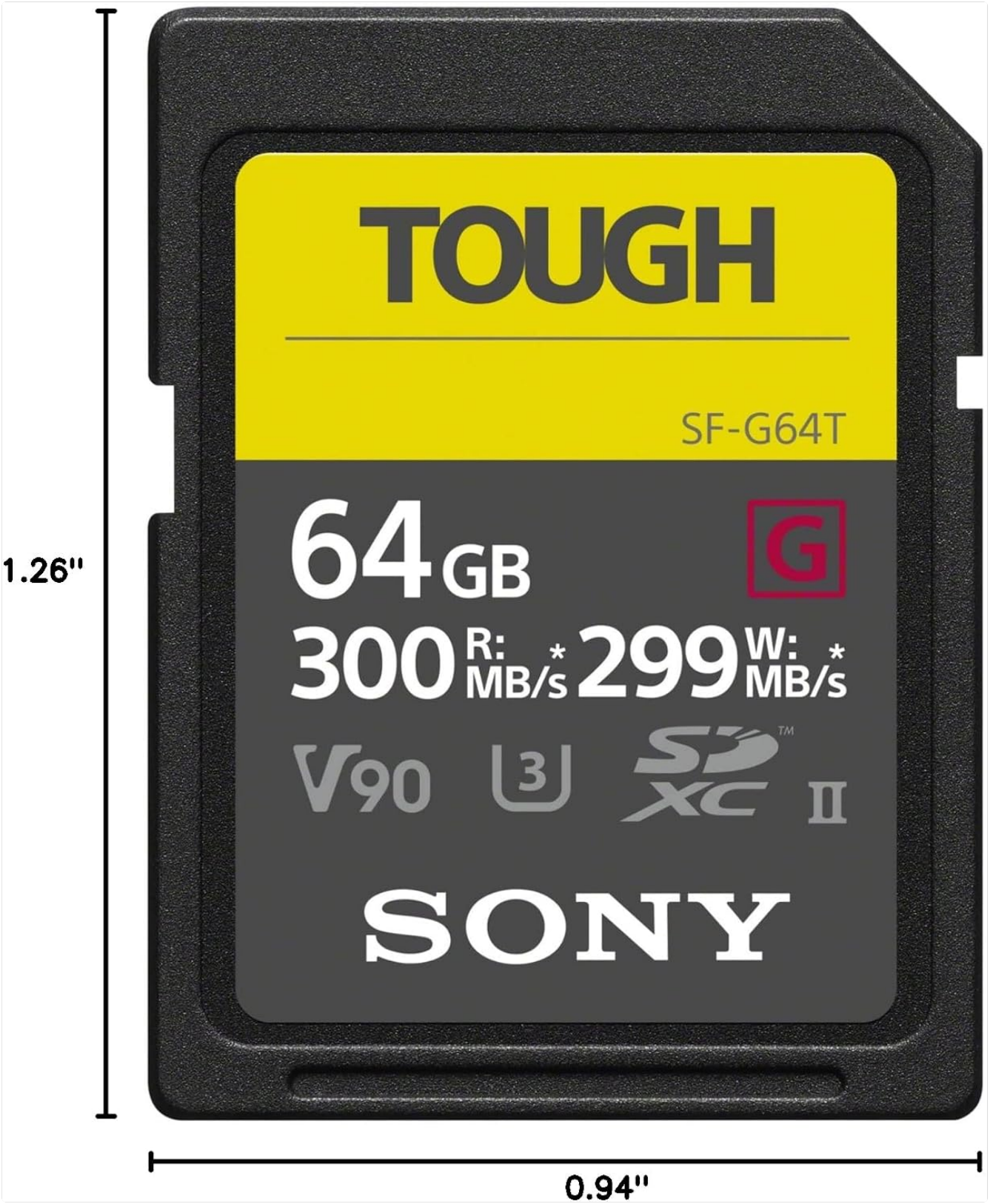


Image: Detailed view of the Sony TOUGH-G Series SD card, including its physical dimensions.

8. Warranty and Support

The Sony TOUGH-G series SDXC UHS-II Card comes with a**5-Year Limited Warranty**. For warranty claims, technical support, or additional product information, please visit the official Sony support website or contact their customer service. Keep your proof of purchase for warranty validation.

For more information regarding product safety and regulatory compliance, including Proposition 65 warnings, please

refer to the official product documentation or the provided link: https://www.p65warnings.ca.gov.

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