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SP Silicon Power S2064GBSTXBU1V10AB

SP Silicon Power Elite 64GB microSDXC Memory Card

USER MANUAL

1. Introduction and Overview

The SP Silicon Power Elite 64GB microSDXC memory card is designed for reliable data storage and high-speed performance across various compatible devices. This card meets UHS-I U1 and Video Speed Class 10 (V10) standards, enabling uninterrupted Full-HD 1080p video recording. Its A1 rating ensures optimized app performance on mobile devices. The Elite microSDXC card is built for durability, featuring waterproof, shockproof, temperature-proof, and X-ray-proof characteristics to protect your data in diverse environments.



Image 1: SP Silicon Power Elite microSDXC card with a dash camera, highlighting Full HD video recording.

2. Setup and Installation

This section provides instructions for installing your microSDXC card into compatible devices.

1. **Inserting the microSDXC Card:** Locate the microSD card slot on your device (e.g., smartphone, tablet, digital camera, gaming console, drone). Gently push the microSDXC card into the slot until it clicks into place. Ensure the card is oriented correctly according to your device's instructions.
2. **Using the SD Adapter:** For devices that use standard SD card slots (e.g., laptops, older cameras), insert the microSDXC card into the provided SD adapter. Then, insert the adapter into the device's SD card slot.
3. **Initial Device Recognition:** After insertion, your device should automatically detect the new storage. If prompted, you may need to format the card. **Caution:** Formatting will erase all data on the card. Back up any important files before formatting.

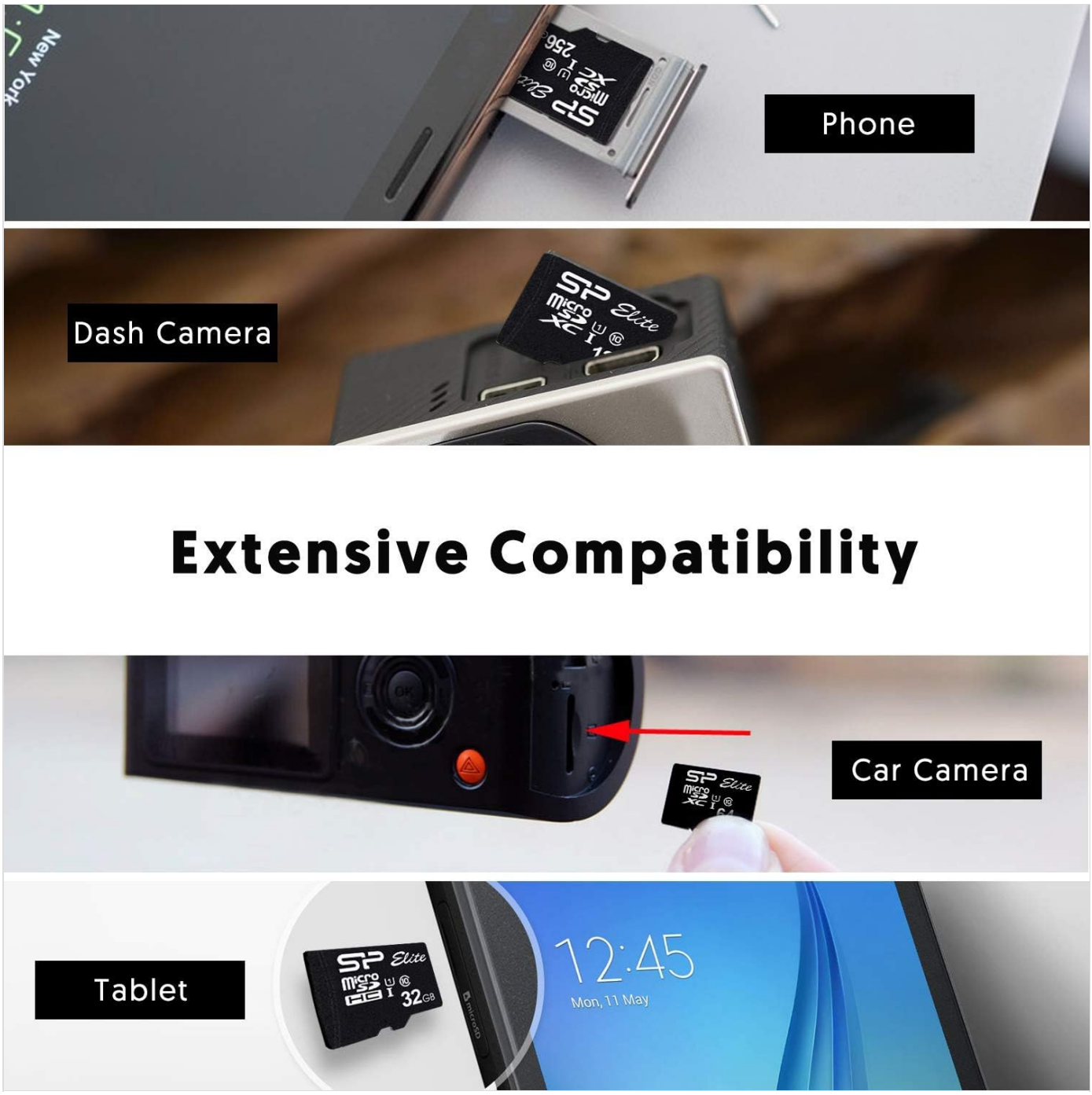


Image 2: Demonstrating the extensive compatibility of the microSDXC card with various devices.

3. Operating Instructions

The Elite microSDXC card is designed for efficient data management and high-performance tasks.

- **Saving Data:** Once installed, the card functions as expanded storage. You can save photos, videos, music, documents, and applications directly to the card from your device. Refer to your device's manual for specific instructions on how to select the storage location.
- **Full HD Video Recording:** The Class 10 and V10 ratings ensure smooth, uninterrupted recording of Full-HD 1080p video. This makes it suitable for action cameras, drones, and camcorders.
- **App Performance:** With an A1 rating, the card optimizes app performance on Android-based smartphones and tablets, allowing for quicker app launches and improved operation.
- **Data Transfer:** To transfer files to or from a computer, you can use the SD adapter with a card reader, or connect your device directly to the computer and access the card's contents.



Image 3: Capturing Full HD video and HD still images with a smartphone.



Image 4: The card's speed is sufficient for capturing fast-paced action.

4. Maintenance and Care

To ensure the longevity and optimal performance of your SP Silicon Power Elite microSDXC card, follow these maintenance guidelines:

- **Durability Features:** The card is designed to be waterproof, shockproof, temperature-proof, and X-ray-proof. While robust, avoid exposing it to extreme conditions unnecessarily.
- **Handling:** Always handle the card by its edges. Avoid touching the gold contact pins to prevent damage or data corruption from static electricity or dirt.
- **Storage:** When not in use, store the card in its protective case or a secure environment to prevent physical damage or loss.
- **Ejection:** Always safely eject the card from your device before physically removing it to prevent data loss or corruption.
- **Error Correction Code (ECC):** The card is equipped with an automatic ECC function to detect and correct errors

during data transfer, enhancing data integrity.



Image 5: Illustrating the card's durability and wide operating temperature range.

5. Troubleshooting

If you encounter issues with your microSDXC card, consider the following troubleshooting steps:

- **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.
  - Clean the gold contact pins on the card with a soft, dry cloth.
- **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. Performance can degrade when storage is almost exhausted.
  - Avoid running multiple demanding applications simultaneously that access the card.

- **Data Corruption or Errors:**
  - Always safely eject the card before removal.
  - If data appears corrupted, try using a data recovery software (note: success is not guaranteed).
  - As a last resort, if the card is still functional but problematic, back up any accessible data and then format the card.

If problems persist after these steps, please refer to the Warranty and Support section.

6. Specifications

Model Name	Silicon Power Elite
Model Number	S2064GBSTXBU1V10AB
Flash Memory Type	Micro SDXC
Memory Storage Capacity	64 GB
Speed Class	UHS-I U1, Class 10, Video Speed Class 10 (V10)
Read Speed	Up to 80 MB/s
Write Speed	Up to 80 MB/s
A1 Rating	Yes (for optimized app performance)
Durability	Waterproof, Shockproof, Temperature-proof, X-ray-proof
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Compatible Devices	Camera, Gaming Console, Smartphone, Tablet, Drone
Item Weight	0.32 ounces
UPC	886576056517

7. Warranty and Support

Your SP Silicon Power Elite 64GB microSDXC memory card is covered by a**5-year limited manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or further assistance, please contact SP Silicon Power customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

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