

PNY P-SDU128U3WX-GE

PNY 128GB Elite-X microSDXC Flash Memory Card Instruction Manual

1. INTRODUCTION

The PNY 128GB Elite-X microSDXC Flash Memory Card is engineered for high-performance data storage across a wide range of compatible devices. This card features fast read and write speeds, making it an ideal solution for capturing 4K Ultra HD video, efficiently running applications, and storing large volumes of digital content.



Image: PNY 128GB Elite-X microSDXC Flash Memory Card, front view.

2. KEY FEATURES

- **High-Speed Performance:** Offers sequential read speeds of up to 100MB/s for quick data access.
- **Video Speed Class V30:** Guarantees sustained write speeds necessary for recording 4K Ultra HD videos (up to 4096x3072 pixels) at high frame rates (60 and 120 fps).
- **Application Performance Class A1:** Optimizes performance for running applications directly from the microSD card, enhancing user experience on smartphones and tablets by reducing app loading times and freeing up internal storage.
- **Versatile Compatibility:** Designed for seamless integration with a broad array of devices including smartphones, tablets, action cameras, 360-degree cameras, drones, dash cameras, camcorders, computers, and laptops.
- **Robust Data Storage:** Provides ample capacity for storing and transferring high-resolution videos, photos, music, and various document types.
- **Included SD Adapter:** Comes with an SD adapter to ensure compatibility with full-size SDHC/SDXC card slots, facilitating easy data transfer to and from devices with standard SD card readers.

3. SPECIFICATIONS

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|---------------------------------------|---|
| Brand | PNY |
| Model Name | Elite-X |
| Item Model Number | P-SDU128U3WX-GE |
| Memory Storage Capacity | 128 GB |
| Flash Memory Type | Micro SDXC |
| Read Speed | Up to 100 MB/s |
| Write Speed | 30-100 MB/s (V30 standard) |
| Speed Class Ratings | Class 10, U3, V30, A1 |
| Hardware Interface | microSDXC |
| Compatible Devices | Personal Computer, Smartphones, Tablets, Action Cameras, 360-degree Cameras, Drones, Dash Cameras, Camcorders |
| Product Dimensions (L x W x H) | 0.43 x 0.47 x 0.04 inches |
| Item Weight | 0.317 ounces |
| Special Features | Dust Proof |
| Color | Dark Gray, Green, Black |

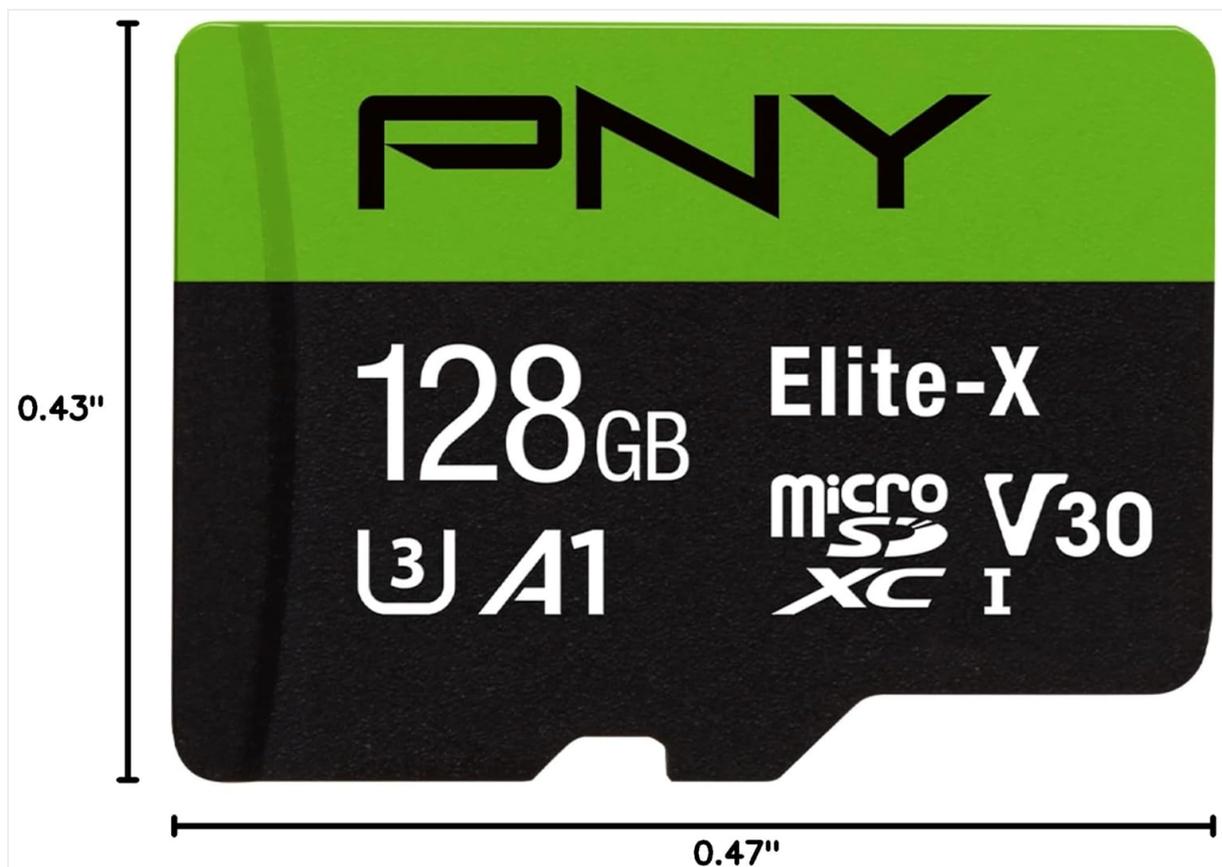


Image: PNY 128GB Elite-X microSDXC card showing its compact dimensions.

4. SETUP AND INSTALLATION

1. **Insert the microSD Card:** Locate the microSD card slot on your compatible device (e.g., smartphone, tablet, action camera, drone). Gently insert the PNY Elite-X microSD card into the slot with the gold contacts facing down or as indicated by your device's manual, until it clicks securely into place. Ensure correct orientation to prevent damage to the card or device.
2. **Using the SD Adapter:** If your device utilizes a full-size SD card slot, first insert the PNY Elite-X microSD card into the provided SD adapter. The microSD card should slide into the adapter until it is flush. Then, insert the adapter into your device's full-size SD card slot.



Image: PNY microSDXC card correctly inserted into the included SD adapter.

3. **Formatting (Recommended):** For optimal performance and to ensure full compatibility with your device, it is highly recommended to format the microSD card using your device's internal formatting function before its initial use. This process will erase all data on the card. If you are reformatting a used card, ensure all important files are backed up beforehand.

5. OPERATING INSTRUCTIONS

5.1. Recording 4K Ultra HD Video

The PNY Elite-X microSDXC card's V30 speed class is specifically designed to handle the demanding data

rates of 4K Ultra HD video recording. When using a compatible action camera, drone, or camcorder, ensure your device's recording settings are configured for 4K UHD resolution to capture high-quality, detailed footage without dropped frames.



Image: PNY microSDXC card enabling 4K video recording with a drone.

5.2. Running Applications (A1 Performance)

With A1 Application Performance, this card allows for faster loading and smoother operation of applications directly from the microSD card. This feature is particularly beneficial for smartphones and tablets, as it can significantly improve app responsiveness and conserve your device's internal storage for other uses.



Image: PNY microSDXC card enhancing app performance on a smartphone.

5.3. File Transfer

To transfer files between the microSD card and a computer, you can either connect your device directly to the computer or use a dedicated card reader. The card's high read speed of up to 100MB/s ensures quick and efficient transfer of large files, including high-resolution videos and photos.

Your browser does not support the video tag.

Video: Official PNY Technologies overview of the Elite-X Class 10 U3 V30 microSD Flash Memory Cards, highlighting their features and applications.

6. MAINTENANCE

- **Regular Formatting:** For optimal performance and to prevent potential data corruption, it is advisable to periodically back up all data from your card and then reformat it using your device's built-in formatting utility. This is especially important for devices that perform continuous recording, such as dash cameras or security systems.
- **Physical Care:** The PNY Elite-X card is designed for durability, featuring dust-proof construction. However, to ensure its longevity, avoid exposing the card to extreme temperatures, strong magnetic fields, or excessive physical impact. Keep the card and its adapter clean and dry, free from dust, dirt, and moisture.

7. TROUBLESHOOTING

7.1. Card Not Recognized

- Ensure the microSD card is fully and correctly inserted into the device or SD adapter.
- 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.
- If using the SD adapter, ensure the adapter itself is functioning correctly.
- Check your device's settings to see if the card needs to be manually mounted or initialized.

7.2. Slow Performance

- Verify that your device supports the card's speed classes (U3, V30, A1). Older devices may not be able to fully utilize the card's maximum speed capabilities.
- If the card has not been formatted recently, back up your data and then reformat the card.
- Ensure the card is not nearly full, as performance can degrade when storage capacity is almost exhausted.
- For optimal transfer speeds to a computer, use a high-speed card reader that is compatible with UHS-I standards.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The PNY 128GB Elite-X microSDXC Flash Memory Card comes with a Lifetime Limited Warranty. For comprehensive details regarding the terms and conditions of this warranty, please visit the official PNY website or refer to the warranty documentation provided with your product packaging.

8.2. Technical Support

Should you require technical assistance or have any questions regarding the operation or functionality of your PNY Elite-X microSDXC card, please contact PNY Technologies customer support. Contact information, including phone numbers and online resources, can typically be found on the official PNY website (www.pny.com) or on the product packaging.