

PNY EliteX-PRO90

PNY EliteX-PRO90 256GB UHS-II SDXC Memory Card Instruction Manual

Model: EliteX-PRO90 (256GB)

1. PRODUCT OVERVIEW

The PNY EliteX-PRO90 Class 10 U3 V90 UHS-II SD Flash Memory Card is engineered for professional photographers and videographers requiring high-speed data capture and transfer. It supports demanding applications such as 8K videography and high-resolution photography.

Key features include:

- **Extreme Performance:** Read speeds up to 300MB/s and write speeds up to 280MB/s for seamless content capture.
- **UHS-II and V90 Video Speed Class:** Ideal for shooting burst mode HD photography and extended lengths of cinema-quality videography in 8K, 4K, and Full HD.
- **8K Video Capture:** V90 Video Speed Class enables the card to capture Ultra High Resolution 8K Video at 7680 x 4320 with incredible detail.
- **Accelerated Workflow:** Fast transfer speeds enhance post-production photo and video editing.
- **Broad Compatibility:** Compatible with UHS-II enabled DSLR cameras, mirrorless cameras, advanced & professional video cameras, and backwards compatible with UHS-I devices at UHS-I speeds.
- **Reliable & Durable:** Magnet Proof, Shock Proof, Temperature Proof, and Waterproof construction.



Figure 1: PNY EliteX-PRO90 256GB UHS-II SDXC Memory Card.

2. SETUP AND INSTALLATION

To use your PNY EliteX-PRO90 SDXC memory card, insert it into a compatible device's SD card slot. Ensure the card is inserted correctly to avoid damage to the card or device.

1. **Identify the SD Card Slot:** Locate the SD card slot on your DSLR camera, mirrorless camera, or advanced video camera. Refer to your device's manual for exact location and orientation.
2. **Insert the Memory Card:** Gently slide the PNY EliteX-PRO90 memory card into the slot with the label facing the correct direction (usually towards the front or top of the device). Push until it clicks into place.
3. **Format the Card (First Use):** For optimal performance and to ensure compatibility, it is recommended to format the memory card using your device's internal formatting function before its first use. This will erase all data on the card, so ensure it is empty or backed up if necessary.

COMPATIBLE WITH THE LATEST DEVICES

Capture professional quality content with UHS-II enabled DSLR cameras, mirrorless cameras, advanced & professional video cameras



Figure 2: The PNY EliteX-PRO90 SD card is compatible with various DSLR, mirrorless, and advanced video cameras.

3. OPERATING INSTRUCTIONS

The PNY EliteX-PRO90 is designed for high-performance recording. Its V90 Video Speed Class and UHS-II interface ensure stable and fast data handling for various media types.

3.1 High-Resolution Video Recording

This card supports continuous recording of high-resolution video formats, including 8K UHD (7680 x 4320) and 4K UHD. The V90 speed class guarantees a minimum sustained write speed of 90MB/s, preventing dropped frames during critical video capture.

MAXIMUM PERFORMANCE WITH V90 VIDEO SPEED

Push the limits of UHS-II with Class 10 U3 and
V90 Video Speed Class

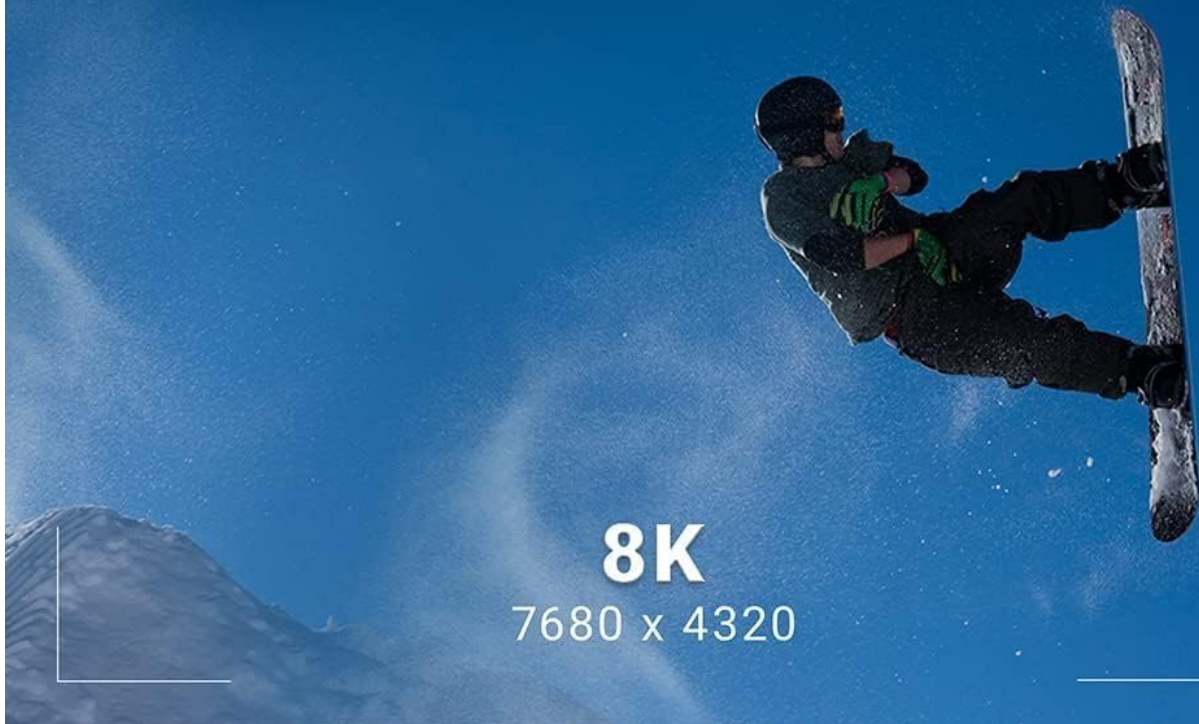


Figure 3: The PNY EliteX-PRO90 supports maximum performance with V90 video speed for 8K content.

3.2 Burst Mode Photography

For photographers, the high write speeds (up to 280MB/s) enable rapid-fire sequential burst mode photography, allowing you to capture multiple high-resolution images without buffering delays.

ULTIMATE SOLUTION FOR SEAMLESS 8K CONTENT CAPTURE

Ideal for capturing burst mode
HD photos and 8K Video at
7680 x 4320



Figure 4: The PNY EliteX-PRO90 is an ultimate solution for seamless 8K content capture and burst mode HD photos.

3.3 Data Transfer

When transferring files to a computer or other storage device, utilize a UHS-II compatible card reader to achieve the maximum read speeds of up to 300MB/s. This significantly accelerates your post-production workflow.



Figure 5: High transfer speeds of the PNY EliteX-PRO90 accelerate workflow.

3.4 Official Product Videos

Video 1: EliteX-PRO90 Flash Memory Card Overview. This video provides a general overview of the EliteX-PRO90 SD card's features and capabilities.

Video 2: PNY EliteX-PRO90 UHS-II SD Flash Card Explainer. This video explains the technical aspects and benefits of the PNY EliteX-PRO90 UHS-II SD card.

4. MAINTENANCE

The PNY EliteX-PRO90 memory card is built for durability and reliability. To ensure its longevity and optimal performance, follow these maintenance guidelines:

- **Physical Protection:** The card is designed to be Magnet Proof, Shock Proof, Temperature Proof, and Waterproof. However, avoid unnecessary exposure to extreme conditions or physical impact.
- **Storage:** Store the card in its protective case or a dedicated memory card holder when not in use to prevent dust, scratches, and static discharge.
- **Cleaning:** If necessary, gently clean the gold contacts on the back of the card with a soft, lint-free cloth. Do not use abrasive materials or liquids.
- **Eject Safely:** Always safely eject the memory card from your device or computer before removing it to prevent data corruption.



Figure 6: The PNY EliteX-PRO90 is built to be Magnet, Shock, Temperature, and Water Proof.

5. TROUBLESHOOTING

If you encounter issues with your PNY EliteX-PRO90 memory card, consider the following troubleshooting steps:

- **Card Not Recognized:**

- Ensure the card is fully inserted into the device's slot.
- Check if the device is compatible with SDXC and UHS-II cards.
- Try the card in another compatible device or card reader to rule out a device-specific issue.
- Ensure the write-protect switch on the side of the card is not in the 'Lock' position.

- **Slow Performance:**

- Verify that your camera or card reader supports UHS-II speeds. If using a UHS-I device, the card will operate at UHS-I speeds.
- Ensure the card is not nearly full, as this can sometimes affect performance.
- Reformat the card (after backing up data) using your device's internal formatting function.

- **Data Corruption or Errors:**

- Avoid removing the card during read/write operations.
- If data appears corrupted, specialized data recovery software may be able to retrieve files.
- If the card consistently shows errors, it may be faulty. Refer to the warranty information.

6. SPECIFICATIONS

Feature	Specification
Brand	PNY
Model Name	X-PRO 90
Flash Memory Type	SDXC
Memory Storage Capacity	256 GB

Read Speed	Up to 300 MB/s
Write Speed	Up to 280 MB/s
Media Speed (V90)	90 MB/s (minimum sustained)
Secure Digital Association Speed Class	Class 10, U3, V90
Hardware Connectivity	SDXC, UHS-II
Compatible Devices	UHS-II enabled DSLR cameras, mirrorless cameras, advanced & professional video cameras
Additional Features	Wearout Proof, Magnet Proof, Shock Proof, Temperature Proof, Waterproof
Item Dimensions (L x W)	0.43"L x 0.59"W
Item Weight	0.01 Kilograms



Figure 7: PNY EliteX-PRO90 SD card with indicated dimensions.

7. WARRANTY AND SUPPORT

PNY stands behind the quality of its products. Your PNY EliteX-PRO90 SDXC Memory Card comes with a comprehensive warranty and support options.

7.1 Warranty Information

This product is covered by a **Lifetime Limited Warranty**. For specific terms and conditions, please refer to the official PNY website or contact PNY customer support.

7.2 Data Recovery Plans

Optional data recovery plans are available for purchase to protect your valuable data:

- **2-year Photo and Data Recovery Plan:** One-time payment of \$6.99.
- **3-year Photo and Data Recovery Plan:** One-time payment of \$7.99.

These plans provide additional peace of mind in case of accidental data loss.

7.3 Customer Support

For further assistance, technical support, or warranty claims, please visit the official PNY website or contact their customer service department. Contact information can typically be found on the PNY website or product packaging.