

ProGrade Digital V60 128GB

ProGrade Digital microSD Card V60 (128GB) Instruction Manual

Model: V60 128GB

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your ProGrade Digital microSD Card V60 128GB. Please read these instructions carefully to ensure optimal performance and longevity of your memory card.

2. PRODUCT OVERVIEW

The ProGrade Digital microSD Card V60 128GB is designed for high-performance data capture, offering fast read and write speeds suitable for demanding applications like 4K video recording and high-resolution photography. It includes a microSD to SD adapter for broader compatibility.

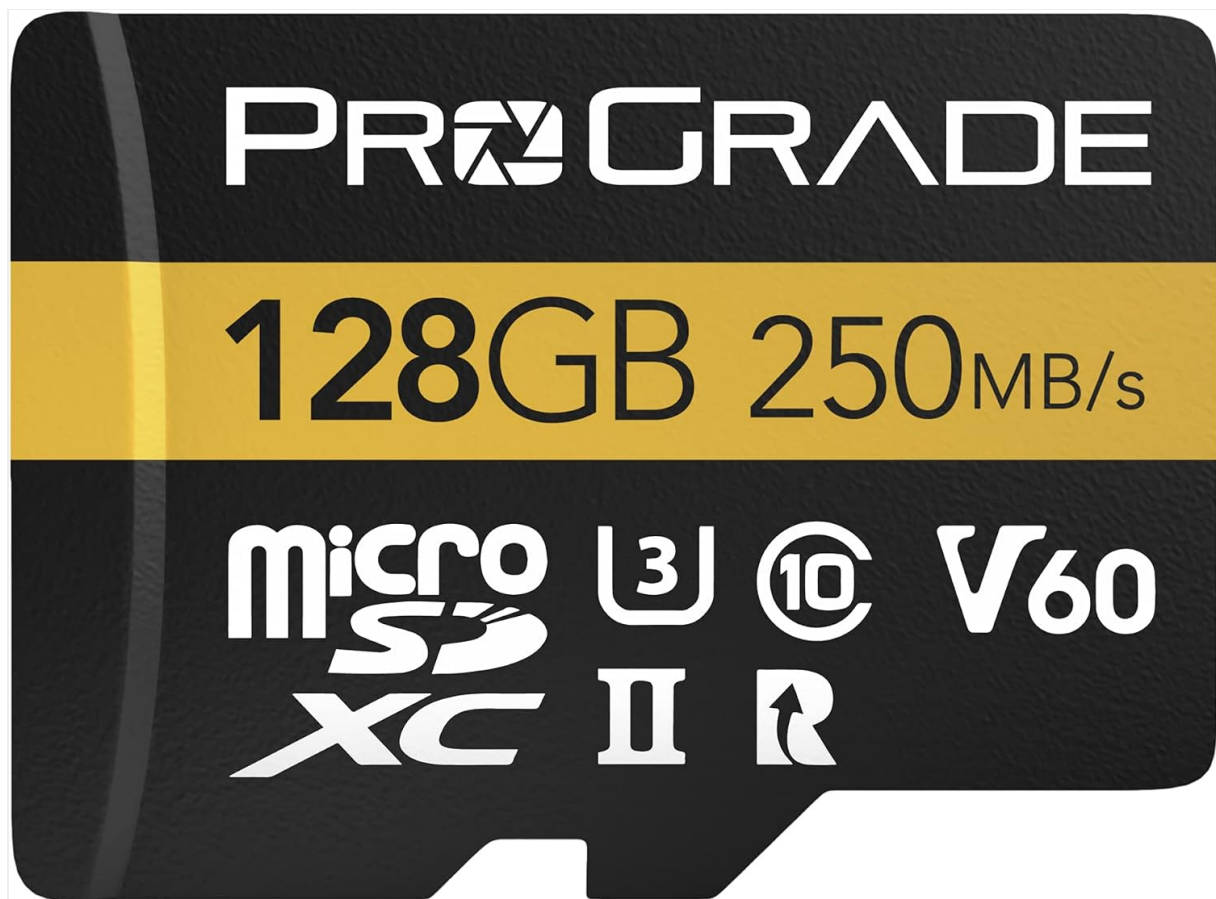


Image 1: ProGrade Digital microSD Card V60 128GB. This image displays the front of the microSD card, highlighting its capacity (128GB), read speed (250MB/s), and speed class ratings (microSDXC, U3, C10, V60, UHS-II).

Key Features:

- **High Speed:** Up to 250 MB/s read and 130 MB/s write speeds for efficient data handling.
- **V60 Speed Class:** Certified Video Speed Class 60, ensuring minimum sustained write speeds of 60 MB/s for smooth 4K, UHD, and Full HD video recording.
- **UHS-II Interface:** Utilizes the UHS-II interface for enhanced performance, compatible with both UHS-II and UHS-I devices (operating at UHS-I speeds in UHS-I devices).
- **Durability:** Designed to be temperature-proof, water-proof, and X-ray proof, protecting your data in various environments.
- **Included Adapter:** Comes with a microSD to SD adapter for use in full-size SD card slots.

3. SETUP

3.1 Inserting the microSD Card

1. Locate the microSD card slot on your compatible device (e.g., drone, action camera, smartphone).
2. Orient the microSD card with the gold contacts facing down or as indicated by your device's manual.
3. Gently insert the card into the slot until it clicks into place. Do not force the card.

3.2 Using the microSD to SD Adapter

The included adapter allows you to use your microSD card in devices that accept full-size SD cards, such as DSLR cameras, mirrorless cameras, and card readers.

1. Insert the microSD card into the designated slot on the SD adapter until it clicks.
2. Insert the adapter into the SD card slot of your device.



V60 MICRO SDXC CARD TECHNICAL SPECS



128GB / 256GB / 512GB CAPACITY



UP TO 250MB/s READ SPEED



V60 VIDEO SPEED CLASS



UP TO 130MB/s WRITE SPEED

Image 2: ProGrade Digital microSD Card with SD Adapter. This image shows the small microSD card alongside its larger SD adapter, illustrating how the microSD card fits into the adapter for use in full-size SD card slots.

3.3 Initial Formatting

It is recommended to format the memory card using your device's internal formatting function before first use and periodically thereafter. This ensures optimal compatibility and performance with your specific device. Refer to your device's user manual for detailed formatting instructions. Formatting will erase all data on the card.

4. OPERATING INSTRUCTIONS

4.1 Recording Data

Once the microSD card is inserted and formatted, your device is ready to record photos and videos. The V60 speed class ensures reliable performance for high-bitrate video recording, including 4K, UHD, and Full HD.

- Ensure your device's recording settings (resolution, frame rate, compression) are compatible with the card's speed capabilities.
- For optimal performance, use the card in devices that support UHS-II. When used in UHS-I devices, the card will operate at UHS-I speeds.



OPTIMIZED FOR ACTION
EASILY INCORPORATE VIDEO INTO SHOOTS



Image 3: Drone operator using ProGrade Digital microSD Card. This image depicts a person operating a drone with a remote control, illustrating the card's use in aerial cinematography and action cameras.

4.2 Transferring Data

To transfer data to a computer or other storage device:

1. Safely eject the microSD card from your recording device.
2. Insert the microSD card into a compatible card reader (preferably a UHS-II reader for maximum speed) or into the SD adapter and then into an SD card reader.
3. Connect the card reader to your computer.
4. Access the card's contents and transfer files as needed.



Image 4: Data transfer from microSD card to computer. This image shows two laptops, one displaying file management and the other image editing, representing the efficient workflow enabled by fast data transfer from the microSD card.

5. MAINTENANCE

5.1 Physical Care

- Handle the card by its edges to avoid touching the gold contacts.
- Store the card in its protective case when not in use to prevent damage from dust, static, or physical impact.
- Avoid exposing the card to extreme temperatures or direct sunlight for extended periods.

5.2 Software Maintenance

ProGrade Digital offers specialized software to help maintain your card's performance and recover data:

- **Refresh Pro Software:** Designed to maintain the card's speed and performance over time. Regular use can help prevent degradation of write speeds.
- **Advanced Recovery Pro Software:** Can be used to restore corrupt or accidentally deleted files from your memory card.

Visit the official ProGrade Digital website for information on how to access and utilize these software tools.

6. TROUBLESHOOTING

If you encounter issues with your ProGrade Digital microSD card, consider the following troubleshooting steps:

- **Card Not Recognized:**
 - Ensure the card is fully inserted into the device or adapter.
 - Try the card in a different compatible device or card reader to rule out a device-specific issue.
 - Check if your device's firmware is up to date.
- **Slow Performance/Dropped Frames:**
 - Verify that your recording device supports the V60 speed class or UHS-II interface for optimal performance.
 - Ensure your card reader is UHS-II compatible for fast data transfer to your computer.
 - Use the ProGrade Digital Refresh Pro software to restore the card's performance.
 - Format the card in your device.
- **Data Corruption:**
 - Always safely eject the card from your device or computer before removal.
 - Avoid removing the card during read/write operations.
 - Utilize the ProGrade Digital Advanced Recovery Pro software to attempt file restoration.

If problems persist, contact ProGrade Digital customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	V60
Capacity	128 GB
Flash Memory Type	Micro SDXC
Read Speed	Up to 250 MB/s
Write Speed	Up to 130 MB/s
Video Speed Class	V60
UHS Speed Class	U3
SD Speed Class	Class 10
Hardware Interface	UHS-II
Special Features	Temperature Proof, Water Proof, X-Ray Proof
Product Dimensions (LxWxH)	1.97 x 1.97 x 0.39 inches (with adapter)
Item Weight	0.388 ounces (approx. 11 grams)
UPC	850009524874

8. WARRANTY AND SUPPORT

8.1 Limited Warranty

The ProGrade Digital microSD Card V60 128GB is backed by a **3-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. For full details regarding warranty terms and conditions, please refer to the official ProGrade Digital website or contact customer support.

8.2 Customer Support

For technical assistance, warranty claims, or any other inquiries, please visit the official ProGrade Digital website at www.progradedigital.com or contact their customer service department directly. Please have your product model and serial number ready when contacting support.