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› Lerdisk 32GB Micro SD Card User Manual

Lerdisk MicroSD

Lerdisk 32GB Micro SD Card User Manual

Model: MicroSD

INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Lerdisk 32GB Micro SD Card. Designed for high-performance applications, this U3 A1 V30 Class 10 card offers fast read and write speeds, making it ideal for 4K video recording, game consoles, drones, and various other devices. Please read this manual thoroughly before use.

Lerdisk

32 GB

CLASS 10

micro
SD
HC

U3
I



Image: The Lerdisk 32GB Micro SD card, black with white lettering, showing its capacity, class, and brand.

UNIVERSAL COMPATIBILITY

The Lerdisk Micro SD card is designed for broad compatibility with a variety of electronic devices. It is suitable for expanding storage in 4K cameras, game consoles, drones, and Android phones. Always check your device's maximum supported capacity to ensure full compatibility.



Compatible with multiple devices

Image: A collage demonstrating the Micro SD card's compatibility with various devices, including cameras, laptops, CCTV systems, drones, and smartphones.

Lerdisk Capacity	Recommended Typical Compatible Device										Lerdisk Capacity	
	Laptop/PC/ Tablet	MP3 Player	MP4 Player / E-Frame	3D Printer	1995-2010 Old Phone	Android Phone	Camera/DVR (1080P)	Camera/DVR (1080P-4K)	Sports Cam / DSLR	Game Console		
128MB (0.12GB)	✓	✓			✓							128MB (0.12GB)
256MB (0.24GB)	✓	✓			✓							256MB (0.24GB)
512MB (0.48GB)	✓	✓			✓							512MB (0.48GB)
1GB	✓	✓			✓							1GB
2GB	✓	✓	✓	✓	✓							2GB
4GB	✓	✓	✓	✓		✓						4GB
8GB	✓	✓	✓	✓		✓	✓					8GB
16GB	✓	✓	✓	✓		✓	✓					16GB
32GB	✓	✓	✓	✓		✓	✓					32GB
64GB	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	64GB
128GB	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	128GB
256GB	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	256GB
512GB	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	512GB
1TB	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	1TB

Image: A detailed chart showing typical compatible devices for different Micro SD card capacities, including laptops, MP3 players, cameras, and game consoles.

SETUP AND INSTALLATION

1. **Identify the Micro SD Slot:** Locate the Micro SD card slot on your device (e.g., camera, phone, drone, game console). This slot is typically small and may be covered by a protective flap.
2. **Insert the Card:** Gently insert the Lerdisk Micro SD card into the slot with the gold contacts facing down or as indicated by your device's manual. Push until it clicks into place. Do not force the card.
3. **Format the Card (if necessary):** For optimal performance and to ensure compatibility with your specific device, it is recommended to format the Micro SD card upon first use. This can usually be done through your device's settings menu. Formatting will erase all data on the card, so ensure it is empty or back up any necessary files before proceeding.
4. **Verify Recognition:** After insertion and formatting, check your device's storage settings to confirm that the Micro SD card is recognized and its capacity is displayed correctly.



Image: The Lerdisk Micro SD card placed inside a clear plastic protective storage case.

OPERATING INSTRUCTIONS

Once installed and formatted, your Lerdisk Micro SD card functions as an extended storage medium for your device. Its high-speed capabilities support demanding applications.

- **Data Storage:** Use the card to store photos, videos (including 4K), music, documents, and applications.
- **High-Speed Performance:** With U3/V30/A1 Class 10 rating, the card delivers 80+MB/s read and 50+MB/s write speeds. This ensures smooth recording of 4K videos, efficient game loading on consoles, and quick backup of CCTV footage.
- **File Transfer:** To transfer files to or from a computer, you can either connect your device directly to the computer or use an SD card adapter (often included) with a card reader.

Read speed & Write speed

Requires compatible devices and environment capable of reaching such speeds

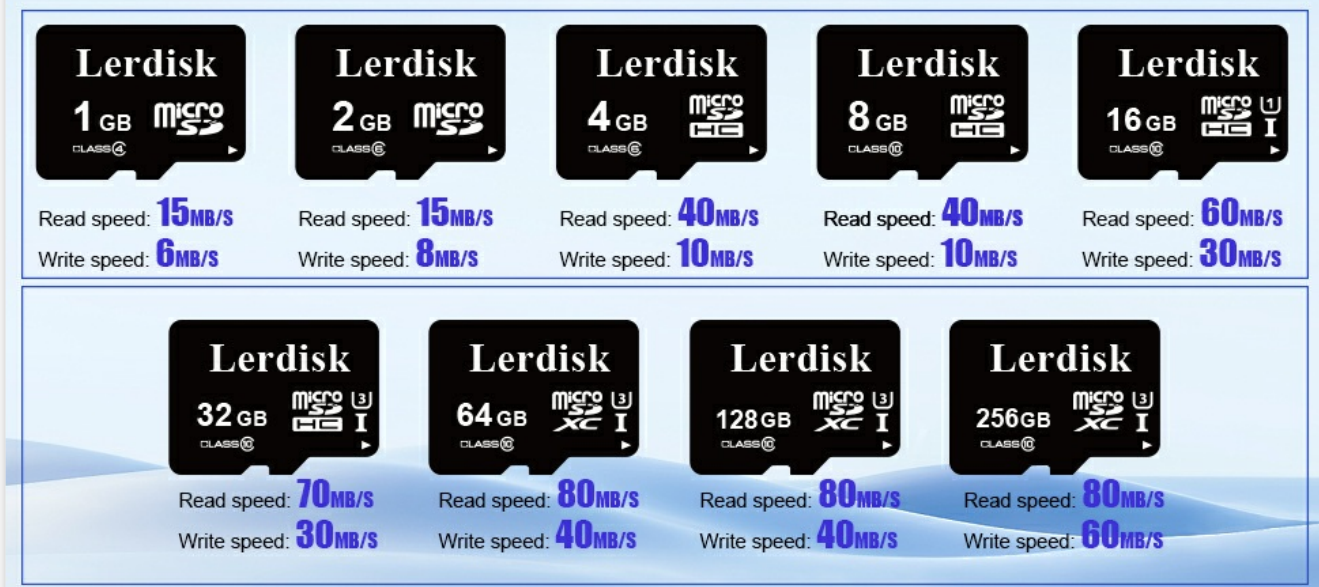


Image: A chart illustrating the typical read and write speeds for various Lerdisk Micro SD card capacities, highlighting the high-speed performance.

 Lerdisk micro	 (MP3)	 (E-book)	 (1920*1080 Pixels)	 (Small files)	 (720p)
128MB	20-40 songs	10k-20k pages	15-100 pictures	1k-5k files	5-10mins
256MB	40-80 songs	20k-40k pages	30-200 pictures	2k-10k files	10-20mins
512MB	80-160 songs	40k-80k pages	60-400 pictures	4k-20k files	20-40mins
1GB	160-320 songs	80k-160k pages	120-800 pictures	8k-40k files	40-80mins
2GB	320-640 songs	160k-320k pages	240-1.5k pictures	16k-80k files	80-160mins
4GB	640-1k songs	320k-640k pages	480-3k pictures	32k-160k files	160-320mins
8GB	1k-2k songs	640k-1.2M pages	960-6k pictures	64k-320k files	320-640mins
16GB	2k-5k songs	1.2M-2.5M pages	1k-12k pictures	128k-640k files	640-1,280mins
32GB	5k-10k songs	2.5M-5.1M pages	3k-25k pictures	256k-1M files	1,280-2,560mins
64GB	10k-20k songs	5M-10M pages	7k-51k pictures	512k-2M files	2,560-5,120mins
128GB	20k-40k songs	10M-20M pages	15k-102k pictures	1M-5M files	5,120-10,240mins
256GB	40k-81k songs	20M-40M pages	30k-204k pictures	2M-10M files	10,240-20,480mins
512GB	80k-160k songs	40M-80M pages	60k-408k pictures	4M-20M files	20,480-40,960mins

Image: A table showing estimated storage capacities for different media types (MP3s, E-books, pictures, small files, video) across various Micro SD card sizes.

MAINTENANCE AND CARE

To ensure the longevity and reliable performance of your Lerdisk Micro SD card, follow these maintenance guidelines:

- **Safe Removal:** Always safely eject the Micro SD card from your device before physically removing it. This prevents data corruption.
- **Regular Backups:** Periodically back up important data from your Micro SD card to another storage device (e.g., computer hard drive, cloud storage) to prevent data loss.
- **Avoid Physical Damage:** While the card is designed to be durable (waterproof, shockproof, temperature-resistant), avoid excessive force, bending, or exposure to extreme conditions beyond its specified operating range (-25°C to 75°C).
- **Keep Contacts Clean:** If necessary, gently clean the gold contacts with a soft, dry, lint-free cloth. Avoid touching the contacts directly with your fingers.

- **Storage:** When not in use, store the Micro SD card in its protective case to prevent dust and static damage.

TROUBLESHOOTING

Card Not Recognized:

- Ensure the card is fully inserted into the slot.
- Restart your device.
- Try the card in another compatible device or a different card reader to determine if the issue is with the card or the device.
- Check if your device supports the card's capacity (32GB).
- If using an adapter, ensure the adapter is functioning correctly.

Slow Performance:

- Ensure your device supports the card's speed class (U3/V30/A1 Class 10). Older devices may not fully utilize high-speed cards.
- Check if the card is nearly full. Performance can degrade when storage is almost exhausted.
- Format the card (after backing up data) to resolve potential fragmentation issues.

Data Corruption/Errors:

- Always safely eject the card before removal.
- Run a disk check utility on a computer to scan for and repair errors.
- If errors persist, the card may be faulty. Contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	Lerdisk
Model Name	MicroSD
Flash Memory Type	Micro SDHC
Memory Storage Capacity	32 GB
Speed Class	U3, A1, V30, Class 10
Read Speed	80+ MB/s
Write Speed	50+ MB/s
Durability	Waterproof, Shockproof, Temperature-resistant (-25°C to 75°C)
Certifications	FCC/RoHS compliant
Dimensions	Standard Micro SD card size

WARRANTY AND SUPPORT

Lerdisk products are rigorously tested for reliability. The Micro SD card is tested for 10,000+ read/write cycles to

ensure no risk of data loss.

For any questions, technical assistance, or warranty claims, please contact Lerdisk customer support. Refer to the product packaging or the official Lerdisk website for the most current contact information.

The product comes with a limited warranty. Please retain your proof of purchase for warranty service.

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