

Unitek AR-1078ABK

Unitek CFast Card Reader

MODEL: AR-1078ABK USER MANUAL

1. Introduction

This manual provides comprehensive instructions for the Unitek CFast Card Reader, Model AR-1078ABK. This device is designed to facilitate high-speed data transfer from CFast 2.0 memory cards to various computing devices. It supports both USB 3.0 (Type-A) and USB-C connections, ensuring broad compatibility and efficient workflow for professionals handling high-resolution images and video recordings.

The Unitek CFast Card Reader is engineered for durability and portability, featuring an aluminum alloy casing for effective heat dissipation and a compact design for easy transport. It operates on a plug-and-play basis, requiring no external power supply or driver installation.



Figure 1.1: Unitek CFast Card Reader with included cables.

2. Package Contents

Verify that all items are present in the package:

- 1 x Unitek CFast Card Reader (Model: AR-1078ABK)
- 1 x USB-C to USB-C/USB-A Cable
- 1 x User Manual (this document)

Note: This device is specifically designed for CFast cards and is not compatible with Compact Flash cards. Please ensure you are using the correct card type.

CFast 2.0 Card

Compact Flash Card



Note : Suitable for CFast Card ONLY

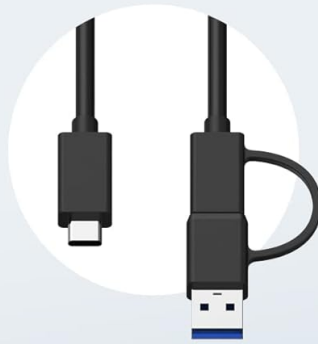
Figure 2.1: Compatibility illustration for CFast 2.0 cards only.

3. Setup Instructions

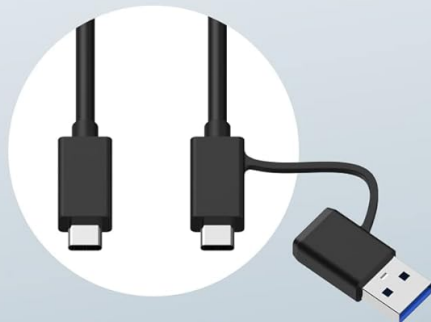
Follow these steps to set up your Unitek CFast Card Reader:

1. **Connect the Cable:** Use the provided USB-C to USB-C/USB-A cable. Connect the USB-C end to the port on the CFast card reader.
2. **Connect to Host Device:** Connect the other end of the cable (either USB-A or USB-C, depending on your device's available port) to your computer, laptop, or compatible mobile device. The card reader is bus-powered and does not require an external power adapter.
3. **Insert CFast Card:** Carefully insert your CFast 2.0 memory card into the card slot on the reader. Ensure the card is inserted correctly, aligning with the slot's shape. Do not force the card.
4. **Device Recognition:** Your operating system (Windows, macOS, Linux, Chrome OS) should automatically detect the card reader and the inserted CFast card. No additional drivers are typically required. The card will appear as a removable drive in your file explorer.

Dual Connectors



USB - **A**



USB - **C**



Figure 3.1: Dual connector cable for versatile connectivity.



Figure 3.2: Card reader connected to a laptop with a CFast card inserted.

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Video 3.1: Unboxing and initial setup of the Unitek CFAST Card Reader, demonstrating cable connection and card insertion.

4. Operating Instructions

Once the CFAST card is inserted and the reader is connected to your device, you can begin data transfer:

1. **Accessing Files:** Open your computer's file explorer (e.g., 'This PC' on Windows, 'Finder' on macOS). The CFAST card will appear as a removable storage device. Double-click to open and view its contents.
2. **Data Transfer:** Drag and drop files or folders between your computer and the CFAST card. The reader supports USB 3.0 SuperSpeed data transfer rates up to 5Gbps, enabling quick transfer of large files. It is backward compatible with USB 2.0 and USB 1.1, though speeds will be limited by the slower standard.
3. **Safe Removal:** Always safely eject the CFAST card reader from your operating system before physically disconnecting it. This prevents data corruption.

Up to **5Gbps** Data Sync

The **USB 3.0** is backward compatible
USB 2.0 and USB 1.1

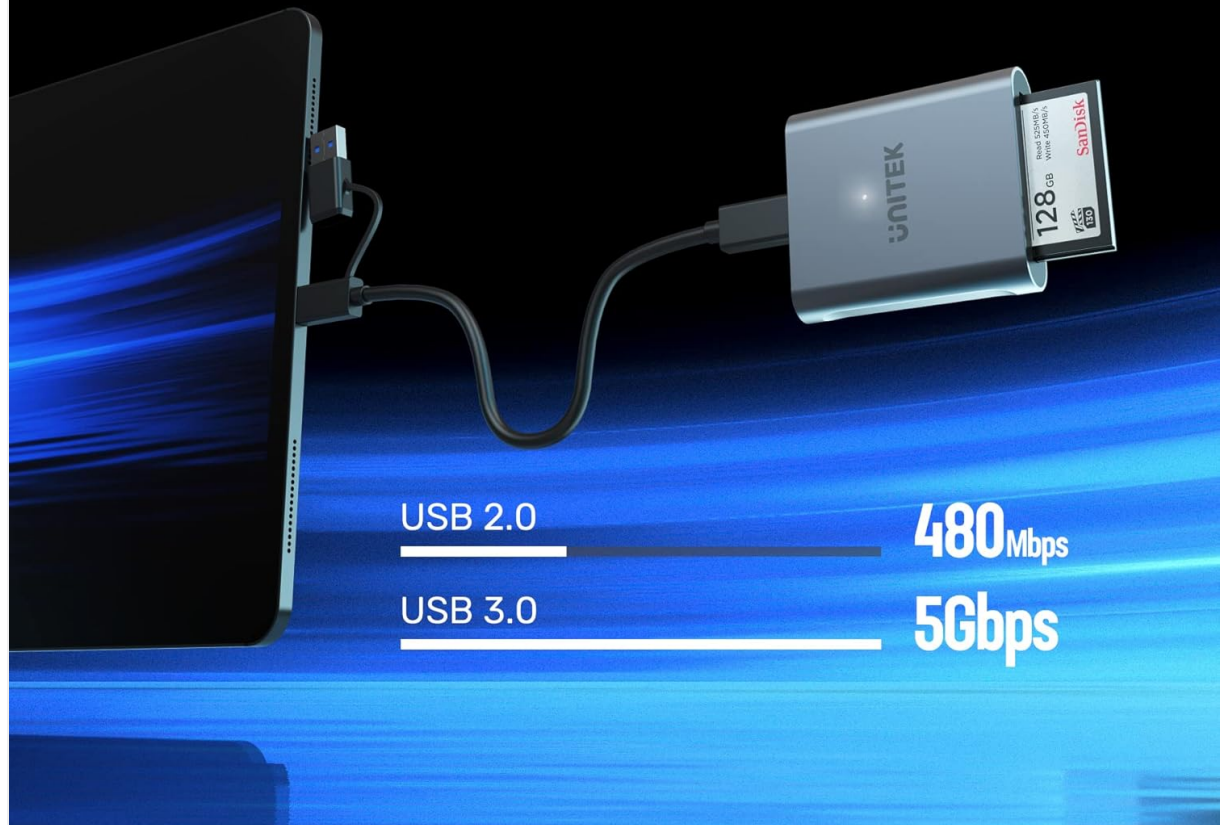


Figure 4.1: Data transfer speed comparison between USB 2.0 and USB 3.0.



Access Files Anywhere

Plug and play, no driver needed

Figure 4.2: Accessing files from the CFast card reader on a mobile device.

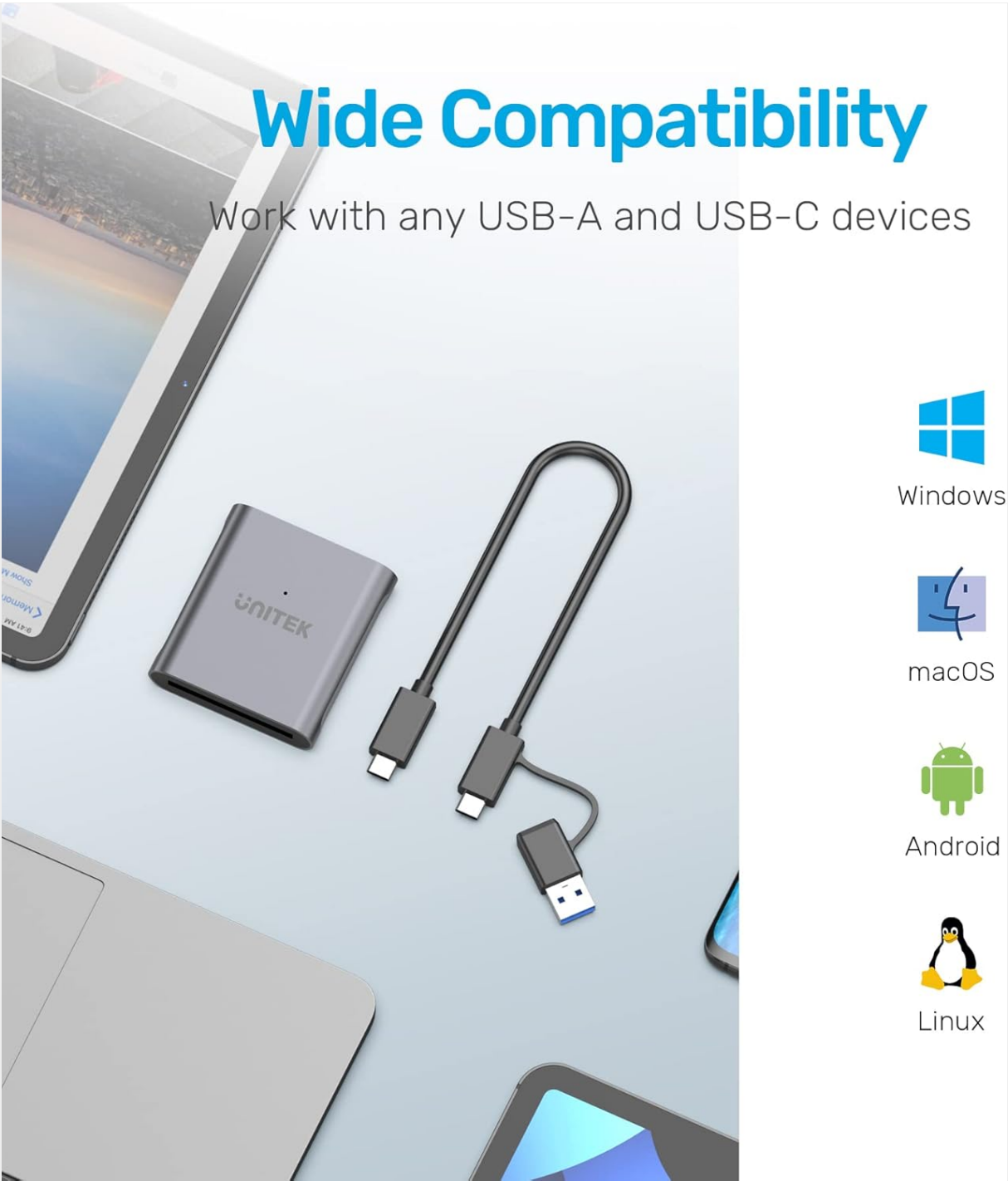


Figure 4.3: Wide compatibility with multiple operating systems.

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Video 4.1: A brief overview of the Unitek CFast 2.0 Card Reader's features and usage.

5. Specifications

Feature	Description
Brand	Unitek
Model Number	AR-1078ABK
Media Type	CFast 2.0

Feature	Description
Connectivity Technology	USB Type C (includes USB-A adapter)
Data Transfer Rate	Up to 5Gbps (USB 3.0 SuperSpeed)
Operating System Compatibility	Windows XP/Vista/7/8/8.1/10, Mac OS, Linux, Chrome OS
Special Features	Thunderbolt 3 compatible, USB C 3.1, Plug & Play, Hot-swapping, Bus-powered
Material	Aluminum Alloy
Item Weight	2.2 ounces
Product Dimensions (LxWxH)	2.44 x 2.24 x 0.59 inches
Color	Grey

6. Troubleshooting

• Card Not Recognized:

- Ensure the CFast card is fully and correctly inserted into the reader.
- Verify that the card is a CFast card, not a Compact Flash card. This reader is only compatible with CFast.
- Try connecting the reader to a different USB port on your computer.
- Test with a different CFast card if available to rule out a card issue.
- Ensure your computer's operating system is up to date.

• Slow Data Transfer:

- Confirm that you are connected to a USB 3.0 or USB-C port on your computer. Older USB 2.0 ports will result in slower speeds.
- The actual transfer speed can be affected by the performance of your CFast card and your computer's storage drive.
- Avoid running multiple demanding applications during large file transfers.

• Intermittent Connection:



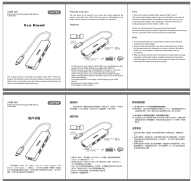



- Ensure the USB cable is securely connected to both the reader and the host device.
- Try using a different USB cable if available.
- Avoid placing the reader in areas with strong electromagnetic interference.

7. Warranty and Support

Unitek provides a 2-year warranty for this product. For technical support, warranty claims, or any inquiries, please contact Unitek customer service. Refer to the contact information provided on the product packaging or the official Unitek website.

Please retain your proof of purchase for warranty purposes.

Related Documents - AR-1078ABK

	<p>Unitek Y-9321 USB 2-Port Card Reader - SuperSpeed 5Gbps</p> <p>User manual for the Unitek Y-9321 USB 2-port card reader. Features USB SuperSpeed 5Gbps, compatibility with Windows and Mac OS, and detailed technical specifications. Includes safety notes and support information.</p>
	<p>UNITEK S1244C Magnetic SD/Micro SD Card Reader with PD100W User Manual</p> <p>User manual for the UNITEK S1244C Magnetic SD/Micro SD Card Reader, detailing package contents, technical specifications, system requirements, safety guidelines, and warranty information.</p>
	<p>UNITEK uHUB Q4+ USB-C Hub User Manual</p> <p>User manual for the UNITEK uHUB Q4+, a USB-C hub with 3 USB-A ports and a memory card reader, detailing its features, specifications, and usage.</p>
	<p>Unitek D1100A Multi-port Switch Game Card Reader User Manual</p> <p>Official user manual for the Unitek D1100A Multi-port Switch Game Card Reader. Learn how to connect, use, and troubleshoot this 8-in-1 game card switcher accessory for Nintendo Switch and Switch OLED.</p>
	<p>UNITEK USB-C to HDMI 8K Cable V1423B User Manual</p> <p>User manual for the UNITEK USB-C to HDMI 8K Cable (V1423B), detailing package contents, safety precautions, technical specifications, and support information. Supports 4K@144Hz and HDR, compatible with USB 4, Thunderbolt 3 & 4.</p>
	<p>UNITEK V1409A USB-C to DisplayPort 1.2 Cable User Manual</p> <p>User manual for the UNITEK V1409A USB-C to DisplayPort 1.2 Cable, providing setup, compatibility, technical specifications, and safety information for connecting USB-C devices to DisplayPort monitors.</p>