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› Ilano 4-in-1 CFexpress Type A/B, SD & Micro SD Card Reader USB 3.2 Gen 2 Instruction Manual

Ilano R604

Ilano 4-in-1 CFexpress Type A/B, SD & Micro SD Card Reader USB 3.2 Gen 2 Instruction Manual

1. PRODUCT OVERVIEW

The Ilano 4-in-1 Card Reader (Model R604) is designed for efficient data transfer from various memory card types. It supports CFexpress Type A, CFexpress Type B, UHS-II SD, and Micro SD/TF cards, utilizing a USB 3.2 Gen 2 interface for high-speed data transmission.



Image 1.1: The Ilano 4-in-1 Card Reader showing its multiple card slots and connectivity options.

What's in the Box

- Ilano 4-in-1 High-Speed Card Reader
- USB-C to USB-C Data Cable with USB-A Adapter
- Instruction Manual

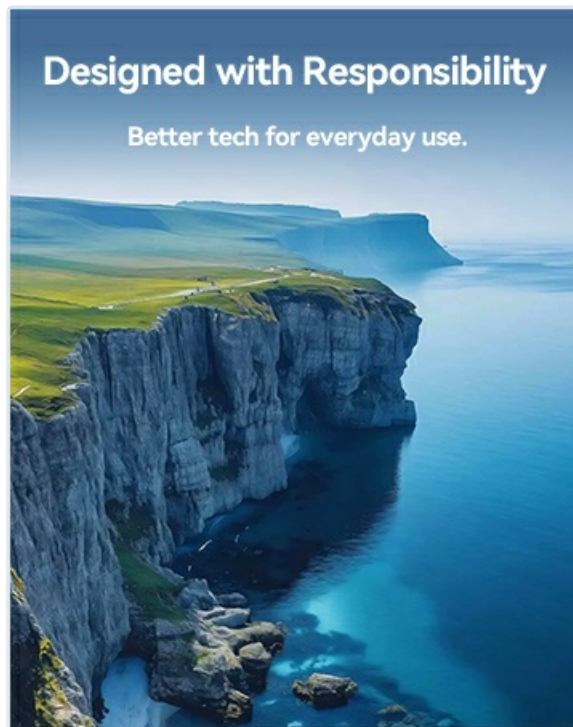


Image 1.2: Packaging and included items for the Ilano 4-in-1 Card Reader.

2. SETUP INSTRUCTIONS

Follow these steps to set up your Ilano 4-in-1 Card Reader:

1. **Connect the Data Cable:** Plug the provided USB-C data cable into the USB-C port on the card reader. Ensure the cable is connected to the USB-C port located next to the Micro SD 4.0 port. Incorrect port usage will prevent the reader from functioning.
2. **Connect to Host Device:** Connect the other end of the USB-C data cable to a compatible USB-C port on your computer, laptop, tablet, or smartphone. If your host device only has USB-A ports, use the included USB-A adapter.
3. **Auxiliary Power (Important for CFexpress Type A/B):** For stable high-speed read/write operations with CFexpress Type A (CFxA) or CFexpress Type B (CFxB) cards, auxiliary power is required. These card types demand a peak current of 1.5A, which exceeds the standard 0.9A power limit of typical USB interfaces. Connect an auxiliary power source (e.g., a USB wall adapter) to the dedicated USB-C charging port on the card reader.
4. **Plug and Play:** The device is plug and play and does not require driver installation for most operating systems.

Auxiliary Power Supply

Ensures more stable card reader transmission



Note:

For stable high-speed operation, CFexpress Type B (CFxB) cards need auxiliary power as their 1.5A peak current exceeds standard USB's 0.9A capability.

Image 2.1: Connecting the Ilano card reader to a laptop, illustrating the data and auxiliary power connections.

What's in the Box



Image 2.2: Detailed view of the data transmission port on the Ilano card reader, highlighting the correct connection point.

3. OPERATING INSTRUCTIONS

Inserting Memory Cards

- Carefully insert your CFexpress Type A, CFexpress Type B, SD, or Micro SD/TF card into the corresponding slot on the card reader. Ensure the card is inserted correctly according to its orientation.
- The card reader features RGB lighting effects. A blue LED indicates standby status, and a green LED indicates operation status.

Data Transfer

- Once a card is inserted and the reader is connected to your device, the card will appear as a removable drive in your operating system's file explorer.
- You can now drag and drop files to and from the memory card, or use your preferred file management software.
- The USB 3.2 Gen 2 interface supports transfer speeds up to 10Gbps (1000MB/s), significantly reducing transfer times for large files.

Dual-Cooling Architecture

Alloy casing with dual-side vents ensures rapid heat dissipation, preventing overheating



Image 3.1: The Ilano card reader in use, demonstrating simultaneous card reading and a clutter-free desktop setup.

Transfer Files in Seconds

Theoretical transfer speed is 1000MB/s
USB 3.2 boosts it by about 20 times.

10Gbps

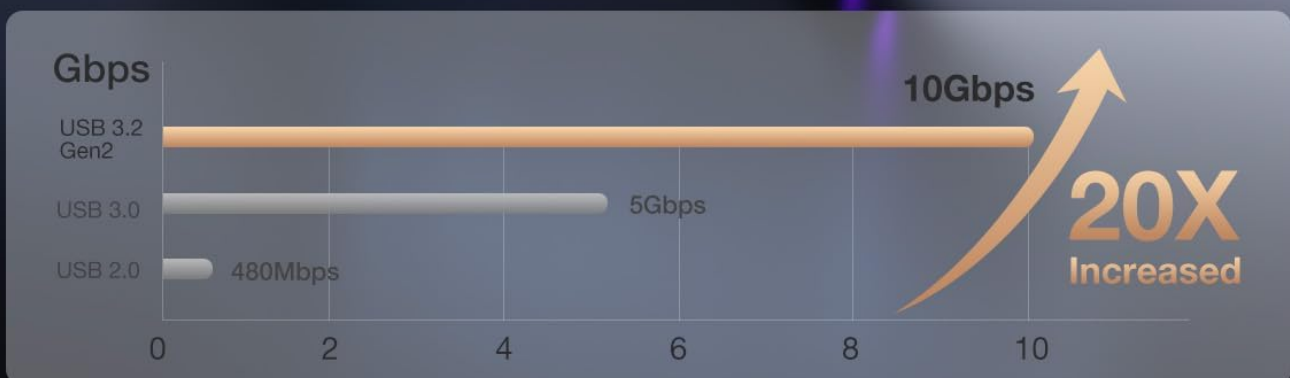


Image 3.2: Visual representation of the 10Gbps data transfer speed capability of the card reader.

Important Operating Notes

- **CFexpress Type A/B Conflict:** CFexpress Type A and CFexpress Type B cards are controlled by a single channel and cannot be read simultaneously. If both are inserted, the reader prioritizes Type A cards and automatically disables SD/TF card access.
- **Non-Compatible Cards:** This card reader is not compatible with Compact Flash/CF or XQD cards.

Official Product Videos

Ilano USB 3.2 Gen 2 (10Gbps) Card Reader Overview

Your browser does not support the video tag.

Video 3.3: This video provides a general overview of the Ilano USB 3.2 Gen 2 card reader, highlighting its features and high-speed capabilities.

Ilano CFexpress Type A, CFexpress Type B, SD, TF Card Functionality

Your browser does not support the video tag.

Video 3.4: A demonstration of the Ilano card reader's compatibility with CFexpress Type A, CFexpress Type B, SD, and TF cards.

4. DATA PROTECTION AND DESIGN

The Ilano card reader incorporates multiple features to ensure data integrity and product longevity.

Triple-Layered Data Protection

Built-in fuse resistors, safety circuits, and high-quality chips provide comprehensive protection against over-current, over-load, and over-temperature, safeguarding your memory card data during transfer.

Triple-Layered Data Protection Seamlessly Accessible



Over-current
Protection



Over-load
Protection



Over-Temperature
Control



Image 4.1: Illustration of the card reader's internal data protection mechanisms, including over-current, over-load, and over-temperature control.

Dual-Cooling Architecture

The composite shell, made of aluminum alloy and ABS, combined with dual-side vents, ensures rapid heat dissipation. This design prevents overheating during prolonged use, maintaining stable performance and extending the product's lifespan.

Maximize Creativity with a Clutter-Free Desktop



✓ Ilano

Cards Read Simultaneously

✗ Other



Image 4.2: The Ilano card reader showcasing its dual-cooling architecture with side vents for efficient heat dissipation.

5. SPECIFICATIONS

Feature	Detail
Brand	Ilano

Feature	Detail
Model Number	R604
Connectivity Technology	USB Type C
Hardware Interface	USB 3.2 Gen 2
Data Transfer Rate	10 Gigabits per second
Slot Count	4 (CFexpress Type A, CFexpress Type B, UHS-II SD, Micro SD/TF)
Compatible Devices	CFexpress Type A, CFexpress Type B, UHS-II SD, Micro SD, Windows, Mac OS, Linux, iOS, iPadOS, Android
Special Features	CFexpress Type A/B Support, High Speed, Plug & Play, RGB Lighting, Auxiliary Power Supply
Color	Grey
Item Weight	80 g

6. TROUBLESHOOTING

If you encounter issues with your Ilano 4-in-1 Card Reader, please refer to the following common troubleshooting steps:

- **Device Not Recognized:**
 - Ensure the data cable is securely connected to both the card reader and your host device.
 - Verify that the data cable is plugged into the correct USB-C port on the card reader (next to the Micro SD 4.0 port).
 - Try connecting the card reader to a different USB port on your host device.
 - Test with a different USB-C data cable if available.
 - Restart your computer or host device.
- **Card Not Reading:**
 - Ensure the memory card is fully and correctly inserted into its designated slot.
 - Confirm that the card type (CFexpress Type A/B, SD, Micro SD) is compatible with the reader. (Note: Not compatible with Compact Flash/CF or XQD cards).
 - If using CFexpress Type A or B, ensure auxiliary power is connected for stable operation, especially during high-speed transfers.
 - Check if the memory card is damaged or corrupted by testing it in another compatible device.
 - Remember that CFexpress Type A and Type B cards cannot be read simultaneously. If both are inserted, Type A is prioritized, and SD/TF access is disabled.
- **Slow Transfer Speeds:**
 - Ensure your host device's USB port supports USB 3.2 Gen 2 (10Gbps) for optimal performance. Connecting to a USB 2.0 or 3.0 port will result in lower speeds.
 - For CFexpress Type A/B cards, ensure auxiliary power is connected to prevent power-related speed limitations.
 - Verify that your memory cards themselves are high-speed rated.

7. WARRANTY AND SUPPORT

Ilano is committed to providing reliable products and excellent customer service.

Warranty Coverage

This product is covered by a **24-month protection plan** from the date of purchase, covering manufacturing defects and quality issues. Please retain your proof of purchase for warranty claims.

Customer Support

For detailed setup videos, FAQs, or personalized assistance, please refer to the official Ilano website or contact our customer support team. We offer unlimited support to ensure your satisfaction.

- **2-Year Coverage:** Comprehensive warranty against defects.
- **24h Specialist Support:** Access to expert assistance.
- **30-day Free Returns:** Hassle-free returns within 30 days of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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