

## Angelbird AVP512CFXAMK2

# Angelbird AV PRO CFexpress A v4 512 GB Memory Card User Manual

Model: AVP512CFXAMK2

## 1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Angelbird AV PRO CFexpress A v4 512 GB memory card. Please read this manual thoroughly to ensure optimal performance and longevity of your product.

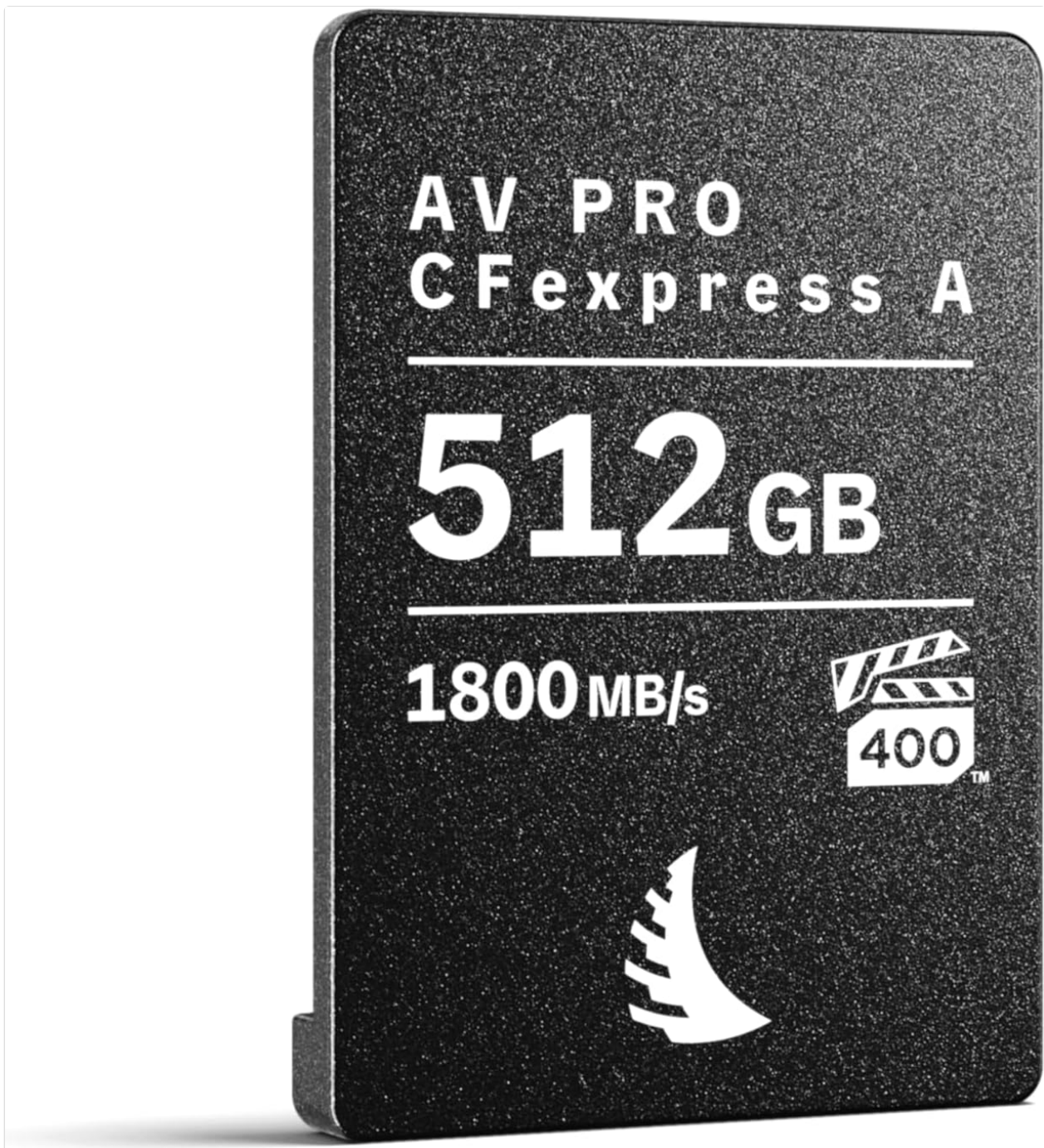


Image 1.1: Front view of the Angelbird AV PRO CFexpress A v4 512 GB memory card.

The Angelbird AV PRO CFexpress A v4 512 GB is a high-performance CFexpress 4.0 Type A memory card designed for professional use, particularly with Sony Alpha and FX series cameras. It is engineered to support demanding workflows, including 8K+ RAW video recording and high-resolution burst photography.

## 2. CAMERA COMPATIBILITY

This CFexpress 4.0 Type A memory card is specifically designed for compatibility with a range of Sony Alpha and FX cameras. Verified compatible models include:

- Sony α1
- Sony α1 II
- Sony α7 IV
- Sony α7R V
- Sony α7 S III

- Sony α9 III
- Sony FX3
- Sony FX30
- Sony FX6

For optimal performance, ensure your camera's firmware is up to date. Refer to your camera's manufacturer for the latest firmware information.

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### 3. SETUP AND INSTALLATION

Follow these steps to properly install the memory card into your compatible camera:

1. **Power Off Camera:** Ensure your camera is powered off before inserting or removing the memory card.
2. **Locate Card Slot:** Open the memory card slot cover on your camera. Consult your camera's manual for the exact location.
3. **Insert Card:** Gently insert the Angelbird AV PRO CFexpress A v4 card into the CFexpress Type A slot with the label facing the correct direction, as indicated by your camera's design. Do not force the card.
4. **Secure Card:** Push the card in until it clicks into place. Close the memory card slot cover.
5. **Format Card:** After insertion, it is recommended to format the card using your camera's menu system. This prepares the card for optimal performance with your specific camera and file system. Refer to your camera's manual for formatting instructions.



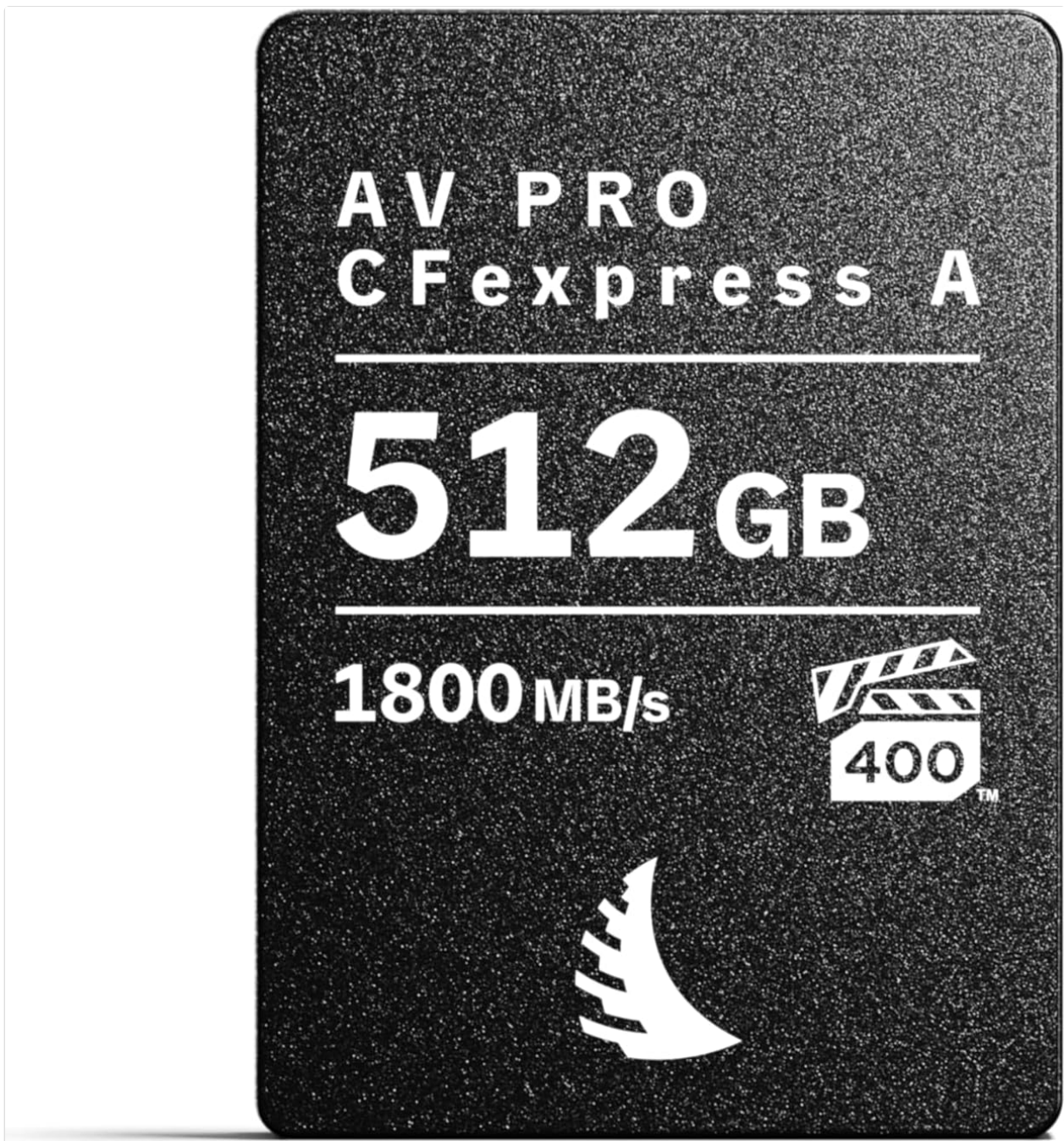


Image 3.1: Angled view of the Angelbird AV PRO CFexpress A v4 memory card, showing its compact form factor.

## 4. OPERATING THE MEMORY CARD

The Angelbird AV PRO CFexpress A v4 card is engineered for high-speed data capture and reliable performance.

### 4.1. Performance Characteristics

- **Max. Read Speed:** Up to 1800 MB/s
- **Max. Write Speed:** Up to 1650 MB/s
- **Sustained Write Performance:** 800 MB/s (VPG 400 certified)

These speeds ensure consistent recording quality for high-bitrate video and rapid-fire photography.

### 4.2. Stable Stream Technology

The card incorporates Stable Stream Technology, which guarantees stable and consistent write performance across all available recording modes. This is crucial for maintaining continuous, high-quality video recording without dropped frames or interruptions, especially during extended shoots.

### 4.3. Data Transfer

To transfer data from the card to a computer, use a compatible CFexpress Type A card reader. Insert the card into the reader and connect the reader to your computer. The card will appear as a removable storage device, allowing you to copy files.

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## 5. CARE AND MAINTENANCE

Proper care extends the life and reliability of your memory card.

### 5.1. Physical Protection

The card features robust construction with protection against various environmental factors:

- **Magnetic Proof:** Resists interference from magnetic fields.
- **Temperature Proof:** Operates reliably across a wide temperature range.
- **X-Ray Proof:** Safe for airport security scanners.

Despite these protections, avoid exposing the card to extreme physical shock, excessive moisture, or direct sunlight for prolonged periods.

### 5.2. Advanced Thermal Management

An integrated Advanced Thermal Management system protects the card and your data from the effects of overheating during intensive operations. This helps maintain consistent performance and prevents data corruption.

### 5.3. Firmware Updates

Angelbird provides firmware updates for its memory cards to ensure ongoing camera compatibility and full feature set support. These updates can be applied directly to the card via an Angelbird Card Reader designed for CFexpress Type A cards. Visit the Angelbird website for information on available firmware updates and the update process.

### 5.4. Minimal Power Draw

The card is designed with minimal power draw, contributing to extended camera battery life during use.

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## 6. TROUBLESHOOTING

If you encounter issues with your Angelbird AV PRO CFexpress A v4 memory card, consider the following common solutions:

- **Card Not Recognized:**
  - Ensure the card is fully inserted into the camera or card reader.
  - Verify camera compatibility (refer to Section 2).
  - Try the card in another compatible device or card reader to isolate the issue.

- Check for camera firmware updates.
- **Slow Performance:**
  - Ensure your camera settings are appropriate for the card's speed capabilities.
  - Use a high-speed CFexpress Type A card reader for data transfer.
  - Format the card in-camera.
- **Data Corruption:**
  - Always safely eject the card from your computer before physical removal.
  - Avoid removing the card while the camera is writing data.
  - If data loss occurs, Angelbird offers a free in-house data recovery service (see Section 8).

If problems persist, contact Angelbird customer support for further assistance.

## 7. TECHNICAL SPECIFICATIONS

Detailed specifications for the Angelbird AV PRO CFexpress A v4 512 GB memory card:

Feature	Specification
Model Name	AV PRO CFexpress A v4 512 GB
Item Model Number	AVP512CFXAMK2
Flash Memory Type	CFexpress Type A
Memory Storage Capacity	512 GB
Max. Read Speed	1800 MB/s
Max. Write Speed	1650 MB/s
Sustained Write Speed	800 MB/s (VPG 400 certified)
Hardware Interface	microSDXC (Note: This seems to be an error in the source data, CFexpress Type A is the correct interface for this product)
Special Features	Magnetic Proof, Temperature Proof, X-Ray Proof
Product Dimensions	1.1"L x 0.79"W
Item Weight	0.07 Ounces
UPC	812937025984

*Note: The "Hardware Interface" listed as microSDXC in the source data appears to be an inconsistency. This product is a CFexpress Type A card.*

## 8. WARRANTY AND SUPPORT

### 8.1. Limited Warranty

The Angelbird AV PRO CFexpress A v4 memory card comes with a**3-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. For full terms and conditions, please refer to the official Angelbird website or contact customer support.

### 8.2. Free In-House Data Recovery Service

Angelbird provides a professional, free in-house data recovery service for this product. This service covers data recovery on both hardware and software levels and is performed by Angelbird in Austria. This service is a valuable resource in the event of accidental data loss or card malfunction.

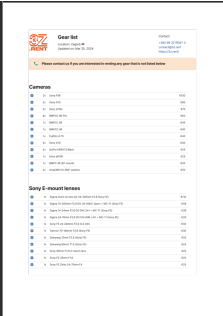
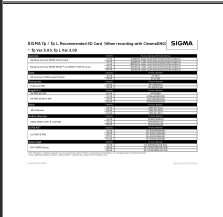

### 8.3. Customer Support

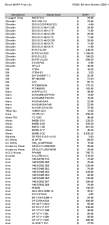
For technical assistance, warranty claims, or data recovery inquiries, please visit the official Angelbird website or contact their customer support team. Keep your product's model number (AVP512CFXAMK2) and proof of purchase readily available when seeking support.

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This manual is for informational purposes only. Specifications are subject to change without notice.

## Related Documents - AVP512CFXAMK2

	<p><a href="#">3Z.RENT Gear Rental List - Professional Camera &amp; Video Equipment</a></p> <p>Explore the extensive gear rental catalog from 3Z.RENT, featuring a wide range of professional cameras, lenses, lighting, audio equipment, and accessories for film production. Updated March 25, 2024.</p>
	<p><a href="#">SIGMA fp / fp L Recommended SD Card and SSD for CinemaDNG Recording</a></p> <p>A comprehensive guide to recommended SD cards and SSDs for SIGMA fp and fp L cameras when recording in CinemaDNG format, detailing compatibility and product numbers for various brands and capacities.</p>
	<p><a href="#">Merry Go Round Equipment Rental List</a></p> <p>Comprehensive catalog of video cameras, lenses, lighting, audio equipment, grip gear, and accessories available for rent from Merry Go Round. Includes model numbers and prices.</p>

	<p><a href="#">Bluum MSRP Price List - REMC Bid Item Number 229011</a></p> <p>A comprehensive price list from Bluum, detailing Manufacturer, Display Name, and MSRP for a wide range of products. This document serves as a reference for pricing and product availability within the REMC Bid Item Number 229011.</p>
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Documents - Angelbird – AVP512CFXAMK2



[pdf] Datasheet Dimension Guide

AV PRO CFexpress A MK2 Datasheet 20241029 indd Data sheet Angelbird R1800 W1650 4 0 Type 512GB AVP512CFXAMK2 starting from £ 349 00 2025 Price Comparison Skinflint UK c326d218770aea8021754529281cc30082e9 gzhls at blob ldb 5 f 8 1TB |||

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[pdf] Datasheet Dimension Guide

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AV PRO CFexpress A CFexpress™ 4.0 Type A 256 GB 512 GB 1 TB CFexpress™ 4.0 Type A Ultra high- ... .41 oz ORDERING INFORMATION 256 GB SKU AVP256CFXAMK2 EAN 9120056587155 UPC 812937025977 512 GB SKU **AVP512CFXAMK2** EAN 9120056587162 UPC 812937025984 1 TB SKU AVP1T0CFXAMK2 EAN 9120056587179 UPC 812937...

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