



Amber CB450 CFexpress™ 4.0 Type B Memory Card



CFexpress™ 4.0
Type B



Up to 3500 MB/s Read
& 3000 MB/s Write



12K
RAW
6K/8K/
12K RAW



Reliability &
Durability

Biwin Amber CB450 CFexpress™ 4.0 Type B Memory Card delivers cutting-edge speed and reliability for photographers, filmmakers, and content creators. With read/write speeds up to 3500 MB/s and 3000 MB/s¹, it accelerates workflows, reduces downtime, and ensures seamless data transfer. Whether capturing cinematic 12K footage or managing high-resolution photography, this card empowers you to tackle demanding projects.

► Product Features

Faster Data Transfer for Professional Workflows

With the CFexpress™ 4.0 standard and a PCIe Gen4x2 interface, Amber CB450 accelerates workflows with read speeds up to 3500 MB/s*. Delivering the speed and reliability needed for creative projects, Amber CB450 write speeds reach up to 3000 MB/s* (and a minimum sustained write speed of 400 MB/s). With the highest Video Performance Guarantee (VPG) rating, this VPG400 CFexpress™ card is optimized for 6K/8K/12K RAW video recording, and built to avoid the frame drops and interruptions of less certified cards.

Broad Compatibility Across Devices

Biwin Amber CB450 supports all video formats and offers a wide compatibility with devices from top brands like Fujifilm, Canon, Nikon, Panasonic, Hasselblad, and more. With its high-speed capabilities and broad compatibility, it empowers professionals to achieve consistent, top-tier results in every project.

Durability That Protects Your Data

Biwin Amber CB450 offers rugged durability with resistance to high and low temperatures fluctuations, drops, shocks, impacts, magnetic interference, and wear. Its robust design makes it ideal for outdoor shoots, ensuring your data remains secure and accessible. With write protection and a limited lifetime warranty, the Amber CB450 safeguards your files in even the harshest environments.

Ample Storage for Creative Freedom

Available in 128 GB, 256 GB, and 512 GB capacities, the CB450 provides enough space for a wide range of projects. From extended 12K video recordings to high-speed bursts and large RAW photo libraries, it offers the storage you need for uninterrupted workflows. Choose the capacity that fits your needs and enjoy reliable, high-performance data storage on every shoot.

► Biwin Storage Amber Series

For decades, Biwin has made the critical storage and memory you'll find in many of the leading digital devices that have defined our digital world. The Biwin consumer brand offers the best of Biwin's experience, a range of SSDs, DRAM, memory cards, USBs, and related accessories that will help you get the most out of your devices.

Biwin Amber is ideal for on-the-go professionals who need superior mobile storage and memory solutions.

► Specifications

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|---------------------------------|---|-----------|-----------|
| Model Name | Biwin Amber CB450 | | |
| Type | CFexpress™ 4.0 Type B Card | | |
| Interface | PCIe Gen4x2 | | |
| Capacity | 128 GB | 256 GB | 512 GB |
| Sequential Read (Up to) | 3500 MB/s | 3500 MB/s | 3500 MB/s |
| Sequential Write (Up to) | 3000 MB/s | 3000 MB/s | 3000 MB/s |
| VPG | VPG400 | | |
| Video Format | 12K RAW | | |
| Dimensions | 38.50 × 29.60 × 3.80 mm | | |
| Weight | 9.1 g | | |
| Operating Temperature | -12°C to +72°C | | |
| Storage Temperature | -20°C to +85°C | | |
| Certifications | RoHS, WEEE, FCC, CE, VCCI, RCM, KCC, BSMI | | |
| Warranty | Lifetime Limited | | |

1. Tested by BIWIN labs. Actual performance may vary due to systems, devices, or environment.
2. Maintenance and future updates are required throughout the product life cycle. Specifications are subject to change without notice.
3. The pictures are for illustration only. Actual products may vary due to product enhancements or changes.
4. Not all products are sold in all regions of the world.
5. As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on the operating environment. As used for buffer or cache, one megabyte (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabyte per second (GB/s) = one billion bytes per second.
6. For more details, please visit www.biwintech.com.

Global Headquarters:
BIWIN STORAGE TECHNOLOGY CO., LTD.
Building #4, South Zone #2, Zhongguan Honghualing Industrial Zone,
Nanshan District, Shenzhen, Guangdong, China
support@biwintech.com
www.biwintech.com

America Headquarters:
BIWIN TECHNOLOGY LLC
8725 NW 18th Terrece Suite 400, Miami, FL 33172, U.S.A
+1 (305) 456-3288

BIWIN SEMICONDUCTOR (HK) COMPANY LIMITED (Taipei Office)
2nd Floor, No. 158, Xinhua 2nd Road, Neihu District, Taipei City 114, Taiwan
+886 (2) 2795-282

