



Amber CB500 CFexpress™ Type B Memory Card



12K Video
Recording



Up to 1 TB



VPG800 &
VPG 400



Extra
Durability

Biwin Amber CB500 CFexpress™ 4.0 Type B memory card is built for professional grade 12K video capture with read speeds up to 3750 MB/s and write speeds up to 3500 MB/s. Its advanced heat dissipation supports long-duration shoots without interruption. With durability against extreme temperatures, impacts, and environmental challenges, this card brings reliable performance despite even the worst conditions.

► Product Features

World's First CFexpress™ Type B Card with VPG800

The Biwin Amber CB500 is the world's first CFexpress™ Type B card to achieve VPG800 certification, ensuring a minimum sustained write speed of 800 MB/s for reliable and consistent performance during long recordings. With read speeds up to 3750 MB/s and write speeds up to 3500 MB/s, the CB500 significantly accelerates data transfer, enabling creators to manage massive files with ease and boost overall productivity.

High Capacity, No Limits on Productivity

With capacity options ranging from 128 GB to 1 TB, our Amber CB500 provides ample space for recording essential footage, behind-the-scenes moments, and action-packed highlights, ensuring that storage is never a limitation. Ideal for photographers and videographers, the large capacity supports creative freedom and keeps your workflow uninterrupted.

Stay Cool. Stay Creative

Biwin CB500 integrates intelligent thermal control algorithms, thermal conductive gel layers, and an aluminum alloy shell to ensure optimal heat dissipation. This advanced cooling design prevents overheating, letting you focus on creative production.

Built Tough, Designed to Last

Biwin Amber CB500 features advanced durability to withstand extreme conditions. Built to resist heat, cold, shock, magnetic interference, X-rays, and physical wear, this card ensures robust protection and reliable performance under harsh conditions.

► 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 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

Model Name	CB500			
Interface	Gen 4x2			
Form Factor	4.0 Type B			
Capacity	128 GB	256 GB	512 GB	1 TB
Sequential Read (Up to)	3700 MB/s	3700 MB/s	3750 MB/s	3750 MB/s
Sequential Write (Up to)	3400 MB/s	3400 MB/s	3500 MB/s	3500 MB/s
Video Format	12K RAW			
VPG	VPG800 & VPG400			
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	Limited Lifetime			

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 Terrace Suite 400, Miami, FL 33172, U.S.A
+1 (305) 456-3288

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

