



Amber CB500 PRO

CFexpress™ Type B Memory Card



12K RAW
Recording



Up to
1280 GB



VPG400 &
VPG1600



Sequential Read Speed
Up to 3,750 MB/s

Built for filmmakers, photographers, and content creators who demand uncompromising performance, Biwin Amber CB500 PRO CFexpress™ 4.0 Type B Memory Card combines exceptional speed, sustained recording stability, broad camera compatibility, and flexible capacity options. With support for 8K and 12K RAW recording, read speeds up to 3,750 MB/s, write speeds up to 3,500 MB/s, and capacities up to 1280 GB, the CB500 lets creators capture more, work faster, and protect every important moment from capture to post-production.

► Product Features

8K/12K High-Performance Brings Every Vision to Life

For creators embracing 8K and 12K RAW workflows, Amber CB500 PRO provides the premium performance needed for ultra-high-resolution video, high-speed continuous shooting, and demanding creative applications. Preserve every texture, color, and subtle detail with confidence, whether you're producing cinematic content, capturing fast-moving action, or creating high-resolution photography.

The Speed to Capture Every Frame; No Drops

Don't lose those most important moments which cannot be recreated. Certified with CFA VPG1600 video performance, Amber CB500 PRO maintains a minimum sustained recording speed of 1,600 MB/s, helping ensure smooth, uninterrupted video capture without dropped frames during demanding shoots. Combined with a minimum sustained write speed of 3,400 MB/s, CB500 delivers the consistency required for long-form recording, live events, documentaries, interviews, and professional productions where reliability matters most.

Our 1280 GB model is CFA-certified for VPG1600. Our 160 GB, 320 GB, and 640 GB capacities are certified for both VPG1600 and VPG400.

Create More, Wait Less

Delivering read speeds up to 3,750 MB/s and write speeds up to 3,500 MB/s, Amber CB500 PRO pushes beyond conventional CFexpress™ performance to accelerate large RAW file transfers, high-resolution photo imports, and video workflows. Spend less time waiting for files and more time reviewing footage, refining edits, and bringing ideas to life. For an optimized capture-to-creation experience, pair Amber CB500 PRO with the Biwin RB510 Card Reader.

Ready for Every Creative Setup

Creators need storage that adapts to every workflow. Extensively tested with leading camera brands including Canon, Nikon, Fujifilm, Panasonic, and Hasselblad, Amber CB500 PRO supports diverse recording formats and professional workflows across multiple platforms. Whether switching between cameras, upgrading equipment, or managing different projects, CB500 PRO delivers the flexibility needed to create with confidence.

► 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	Biwin CB500 PRO			
Type	CFexpress™ 4.0 Type B Card			
Interface	PCIe Gen 4x2			
Capacity	160 GB	320 GB	640 GB	1280 GB
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	8K/12K RAW			
VPG	VPG400 & VPG1600	VPG400 & VPG1600	VPG400 & VPG1600	VPG1600
Dimensions	38.50 × 29.60 × 3.80 mm			
Weight	9.1 g			
Operating Temperature	-25°C to +72°C			
Storage Temperature	-40°C to +85°C			
Certifications	RoHS, WEEE, FCC, CE, VCCI, RCM, KCC, BSMI, JD QUALITY			
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. While using the product, please be sure to make multiple backups of important data. Biwin is not liable for losses of personal data stored in the product.
7. Please visit www.biwintech.com for more details.

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