



PD2000 Portable SSD



Up to
2050 MB/s



Effective Heat
Dissipation



Compact
Size



Wide
Compatibility

Biwin PD2000 Portable SSD delivers read/write speeds up to 2050 MB/s, powerful enough for real-time recording for iPhone 15/16 Pro in ProRes 4K/120fps. With a capacity up to 4 TB, PD2000 offers more than enough storage for all your big files, with secure encryption and rapid backup to keep those files safe. Weighing less than 30g, its sleek design ensures easy portability and plug-and-play compatibility with multiple devices.

► Product Features

Superior Transfer Speed

PD2000 offers an impressive 20 Gbps data transfer speed, using the USB 3.2 Gen 2x2 interface. It is also compatible with iPhone 15/16 Pro. Capable of smooth 120 fps ProRes 4K video recording, PD2000 can transfer a thousand* photos in a second and stores videos directly. More recording, less waiting.

Large Capacity Up to 4 TB

With a maximum capacity of 4 TB, users can store vast amounts of files and precious moments as they wish. There is no need to free up your photo gallery anymore. The PD2000 provides ample storage, allowing you to capture and keep more of life's important moments with ease.

Effective Temperature Control

PD2000 features an aluminum alloy enclosure for efficient heat dissipation. Integrated with the Power Management Unit (PMU), PD2000 uses a thermal algorithm for temperature control. It continuously monitors the SSD's status and intelligently adjusts modes to maintain optimal performance while preventing overheating.

Ultra-Light and Small Form Factor

Light as a small kiwi in weight, the PD2000 features a sleek and slender design for users on the go. Its form is crafted with ergonomic curves, adding to its aesthetic appeal while making it easy to hold in your hand.

► Biwin Storage

For decades, Biwin has made the critical storage and memory 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.

Our cutting-edge facilities use the latest technologies including our own chip packaging, software and hardware labs, state-of-the-art clean rooms, and our own award-winning manufacturing equipment. We are especially proud of our extraordinary rigorous chain of testing that assures you we're working to bring you the best in reliability.

► Specifications

Model Name	Biwin PD2000		
Interface	Type-C USB 3.2 Gen 2x2		
Color	Black / Blue / Purple / Golden		
Shell Material	Aluminum Alloy and Plastic		
Capacity	1 TB	2TB	4 TB
Sequential Read (Up to)	2050 MB/s	2050 MB/s	2000 MB/s
Sequential Write (Up to)	1800 MB/s	1800 MB/s	1800 MB/s
Dimensions	89.00 x 20.00 x 20.00 mm		
Weight	< 30 g		
Compatibility	Windows 10/11, PlayStation5 08+, Android 9.0+, HyperOS 1.0+, HarmonyOS 3.0+, OriginOS 4.0+, ColorOS 14.0+, iOS 17.0+, macOS 11.0+		
Operating Temperature	0°C to +50°C		
Storage Temperature	-40°C to +85°C		
Certifications	HF, RoHS, FCC, CE, RCM, VCCI		
Warranty	5-Year Limited		
Includes	PD2000, USB Type-C to Type-C/A 2-in-1 Connector Cable, Storage Bag, Quick Start Guide		

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 ensure to make multiple backups of important data. Biwin is not liable for losses of personal data stored in the product.
7. For best performance, be sure to reformat the Biwin Amber PD2000 before each 4K120 ProRes recording session.
8. For more details, please visit www.biwintech.com.

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