

PD450 Portable SSD



Up to 430 MB/s Read and 400 MB/s Write



Compact, Portable Design



Universal Compatibility



Up to 2 TB

The Biwin PD450 portable SSD is a high-performance, professional-grade storage solution designed for today's digital workflows. With read speeds up to 430 MB/s and a USB 3.2 Gen1 interface, it delivers efficient transfers for creative and professional tasks. Available in 500 GB, 1 TB, and 2 TB capacities, it offers storage flexibility and broad compatibility with major platforms, including Windows, macOS, Android, and more. Housed in a compact, durable enclosure, it's built for everyday use - at your desk, on the road, or wherever your work takes you.

► Product Features

Fast Speeds. Faster Workflow

The Biwin PD450 delivers consistent high-speed performance with read speeds up to 430 MB/s and write speeds of up to 400 MB/s, supported by a USB 3.2 Gen1 5Gbps interface. The result is smoother file transfers, reduced delays, and greater efficiency in everyday tasks. Whether for work, study, or personal storage needs, PD450 offers a reliable balance of speed, convenience, and ease of use.

Small Form Factor, Designed for On-the-Go

The Biwin PD450 easily fits easily in your pocket or bag and is designed for easy use while on the go. Its soft-touch surface offers a refined grip, while its plug-and-play functionality eliminates delays in getting started. Equipped with a 2-in-1 USB-A/USB-C to USB-C cable, it connects to a wide range of devices and supports seamless transitions between workstations. With an included lanyard for flexible carrying options, the PD450 is designed for quick and easy integration into mobile setups.

Wide Compatibility, Use with Your Different Devices

The Biwin PD450 offers broad compatibility across a wide range of platforms and devices. It works with Windows, macOS, Android, HarmonyOS, HyperOS, and iOS (Type-C models including iPhone 15 series and above). It also supports Type-C USB OTG devices. The drive enables seamless file access across smartphones, tablets, PCs, laptops, PS5 gaming consoles and more.

Multiple Capacities That Match Your Needs

The Biwin PD450 is available in 500 GB, 1 TB, and 2 TB capacities, giving users the flexibility to choose the right storage size based on their needs. Choose the capacity that fits your workflow - whether for daily files, long-term archives, or high-resolution media. No more last-minute deletions, offloading, or juggling between drives - just enough space to grow with your digital life.

► Biwin Storage

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.

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 ensures we're offering you the best in reliability.

► Specifications

Model Name	Biwin PD450
Interface	USB 3.2 Gen1
Capacity	500 GB / 1 TB / 2 TB
Sequential Read (Up to)	430 MB/s
Sequential Write (Up to)	400 MB/s
Dimensions	86.50 x 45.00 x 10.30 mm
Weight	≈ 23 g
Compatibility	Windows 10/11, macOS 11.0+, iOS 17.0+, Android 9.0+, HyperOS 1.0+, HarmonyOS 3.0+, OriginOS 4.0+, ColorOS 14.0+, and PlayStation 5 (System Software 8.0+)
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C
Durability	Drop Resistance up to 1 Meter
Certifications	CE, FCC, VCCI, RCM, CB, KCC, BSMI, RoHS, REACH, HF
Warranty	3-Year Limited
Includes	Biwin PD450 Portable SSD×1, USB-A/USB-C to USB-C Cable×1, Lanyard×1, User Manual×1, Storage Bag×1

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. Please visit www.biwintech.com for more details.

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