



Biwin RD510 Mini SSD Reader



Up to 3700 MB/s Read
and 3400 MB/s Write



USB 4.0,
Up to 40 Gbps



Added Heat
Dissipation



Wide
Compatibility

Biwin RD510 Mini SSD Reader is the first high-performance storage reader designed specifically for the compact form factor of Mini SSDs, which are just 15.0 mm × 17.0 mm × 1.4 mm in size. It delivers 3700 MB/s read and 3400 MB/s write speeds, a perfect match for large file transfers and professional applications that demand high-speed storage. For versatility and ease of use, the Biwin RD510 ships with a USB 4.0 Type-C to Type-C cable, ensuring compatibility with various devices and unlocking the full potential of Mini SSDs.

► Product Features

Efficient and Reliable Data Transfers

The Biwin RD510 Mini SSD Reader features the advanced USB 4.0 protocol with data transfer speeds up to 40 Gbps. This allows you to maximize the performance of Mini SSDs for fast and reliable data transfers with minimal latency. Whether handling high-resolution media files, performing large-scale data backups, or transferring large datasets for professional applications, the USB 4.0 interface ensures efficient and smooth performance.

Built-in Cooling for Long-Term Stability

The Biwin RD510 is built with robust construction for daily use while maintaining a sleek, professional appearance. Its built-in cooling fan offers efficient heat management, preventing overheating and maintaining stability during prolonged, high-speed data transfers. With enhanced protection and thermal efficiency, the RD510 offers stable and uninterrupted operation, extending the lifespan of your Mini SSD.

Wide Compatibility for Easy Data Transfers

The Biwin RD510 Mini SSD Reader offers broad compatibility, delivering seamless integration with a wide range of devices and operating systems. It supports Windows 10/11, PlayStation 5 08+, iOS 17.0+, macOS 11.0+, and popular Android versions, including Android 11.0+, HyperOS 1.0+, and HarmonyOS 3.0+ for flexibility in use across various platforms.

High Performance for Professional Use

The Biwin RD510 Mini SSD Reader transforms Mini SSDs into a high-performance solution for a variety of professional tasks. Whether you're gaming, working remotely, migrating large datasets, or using smart terminals, this reader greatly improves your experience by providing much faster, more efficient access to your storage. Maximize your Mini SSD's capabilities with the RD510 for a performance and productivity boost in today's fast-paced digital world.

► 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 extraordinarily rigorous chain of testing that ensures we're offering you the best in reliability.

► Specifications

Model Name	Biwin RD510
Interface	USB-C, USB 4.0
Slot	Mini SSD
Standard Bandwidth	40 Gbps
Sequential Read (Up to)	3700 MB/s
Sequential Write (Up to)	3400 MB/s
Dimensions	14.88 × 82.45 × 49.80 mm
Weight	≈95 g
Operating Temperature	0°C to +70°C
Storage Temperature	-20°C to +85°C
Certifications	KCC, VCCI, RCM, BSMI, CE, UKCA, FCC
Warranty	2-Year 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.

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