



# Biwin M350 PCIe 4.0 SSD



PCIe Gen4x4



Up to  
6000 MB/s



Wide  
Compatibility



Up to 4 TB

Speed, reliability, and power—Biwin M350 is a high-performance SSD to deliver speed, reliability, and versatility. Powered by PCIe Gen4x4 and NVMe protocol, it achieves transfer speeds up to 6000 MB/s. To keep cool under pressure, it offers a 0.5 mm thermal graphene pad, ensuring stable performance during intense tasks. With up to 4TB of storage, there's more than enough space for large files, games, and creative projects.

## ► Product Features

### Unleash Speed with PCIe Gen4x4

Powered by PCIe Gen4x4, Biwin M350 achieves impressive transfer speeds up to 6000 MB/s. Fully compatible with PCIe 3.0 and 4.0, it seamlessly integrates into various setups, offering the flexibility to upgrade or build your setup without limitations.

### Advanced Cooling for Long-Term Reliability

Biwin M350 integrates an intelligent temperature control algorithm with advanced cooling technology, to maintain optimal performance during intense workloads. Equipped with a 0.5 mm thermal graphene pad, it effectively dissipates heat for stable operating temperatures for long-lasting reliability.

### Compact Design, Broader Compatibility

Designed for users who value convenience and performance, Biwin M350 features a sleek, single-sided design that fits seamlessly into a wide range of devices. It offers enhanced compatibility with desktops, laptops, all-in-one PCs, and PS5 gaming consoles. Enjoy the perfect blend of power and compatibility in one sleek package.

### Bigger Capacity for Work, Play, and Content Creation

With up to 4 TB of storage, Biwin M350 offers ample space for all your data needs. From large files of high-resolution videos to the biggest work documents, extensive gaming libraries, and most creative projects, you can store everything you need without fear of running out of space.

## ► 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 insures we're offering you the best in reliability.

## ► Specifications

Model Name	Biwin M350			
Form Factor	M.2 2280			
Interface	PCIe Gen4×4, NVMe			
DRAM Cache	DRAM-less			
Capacity	500 GB	1 TB	2 TB	4 TB
Sequential Read (Up to)	5000 MB/s	5200 MB/s	5200 MB/s	6000 MB/s
Sequential Write (Up to)	2000 MB/s	4800 MB/s	4800 MB/s	5000 MB/s
Random Read 4K (Up to)	400K IOPS	500K IOPS	400K IOPS	400K IOPS
Random Write 4K (Up to)	500K IOPS	600K IOPS	600K IOPS	800K IOPS
Dimensions	80.00 × 22.00 × 2.45 mm (single-sided)			
Weight	≤ 9 g			
Operating Temperature	0°C to +70°C			
Storage Temperature	-40°C to +85°C			
MTBF	1,500,000 hours			
Certifications	RoHS, FCC, CE, CB, KCC, BSMI, VCCI, RCM, UKCA			
Warranty	5-Year / 200 TBW	5-Year / 400 TBW	5-Year / 800 TBW	5-Year / 1600 TBW

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. MTBF = Mean Time Between Failures based on internal testing using Telcordia stress testing standard.
7. For more details, please visit [www.biwintech.com](http://www.biwintech.com).

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