BIWIN

M100 SATA SSD

SATA 3.0, 6 GB/s

Up to 2 TB

Extensive Compatibility

Durability & Reliability

Biwin M100 SSD combines cutting-edge technology with superior reliability to deliver high-performance storage solutions. Running the SATA 3.0 interface at 6 GB/s, it offers fast read/write speeds up to 550 MB/s and 500 MB/s for everyday use and demanding tasks. With robust data protection and flexible storage options, Biwin M100 is built to meet the diverse needs of today's data-intensive users.

▶ Product Features

Performance Upgraded, Speeds Accelerated

Running the SATA 3.0 interface at 6 GB/s, Biwin M100 offers read speeds up to 550 MB/s and write speeds up to 500 MB/s—4 times faster than traditional HDDs, ensuring smoother multitasking, faster boot times, and quicker file transfers.

Durable and Stable, Secure Storage

Biwin M100 adopts a proven controller design without moving parts, reducing the risk of mechanical failure and maintaining more stable operations. Whether for personal use or business-critical applications, this SSD provides the reliability you need for peace of mind.

Expand Your Storage Space for Every Use

Biwin M100 caters to a wide range of users with flexible storage capacities, from 128 GB for everyday tasks to a massive 2 TB for those who need extensive space for applications, media, and backups. With its full-capacity design, Biwin M100 offers enhanced quality, ensuring that your data is securely stored and protected. Choose the capacity that fits your workflow without worrying about space limitations.

Universal Compatibility for All Your Computing Devices

Designed to work with a wide range of devices, Biwin M100 is compatible with desktops, laptops, all-in-one PCs and more. The flexibility and ease of integration make this SSD the perfect match for users who need a reliable, high-performance solution across various platforms.

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 assures we're offering you the best in reliability.

Specifications

Model Name	Biwin M100				
Form Factor	2.5"				
Interface	SATA III				
DRAM Cache	DRAM-less				
Capacity	128 GB	256 GB	512 GB	1 TB	2 TB
Sequential Read (Up to)	500 MB/s	550 MB/s	550 MB/s	550 MB/s	550 MB/s
Sequential Write (Up to)	450 MB/s	470 MB/s	480 MB/s	500 MB/s	500 MB/s
Random Read 4K (Up to)	30K IOPS	60K IOPS	60K IOPS	80K IOPS	70K IOPS
Random Write 4K (Up to)	60K IOPS	60K IOPS	60K IOPS	70K IOPS	70K IOPS
Dimensions	100.00 x 77.00 x 6.70 mm				
Weight	< 50 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	3-Year / 40 TBW	3-Year / 80 TBW	3-Year / 160 TBW	3-Year / 320 TBW	3-Year / 640 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.