



Black Opal OC Lab Gold Edition DW100 192 GB Memory Kit (48 GB x 4)



192 GB
(48 GB x 4)



DDR5-6000
CL28



Optimized
for AMD



Broad
Compatibility

Unlock exceptional performance with the Biwin Black Opal OC Lab Gold Edition DW100 DDR5 192 GB (48 GB x 4) memory kit. With faster 6000 MT/s speeds and ultra-low CL28 latency, this memory kit provides the swift data access and responsiveness critical for AI development, real-time processing, and competitive gaming. Optimized for AMD platforms and compatible with Gigabyte, ASUS, and MSI motherboards, this memory kit ensures stable operation across diverse setups.

► Product Features

Larger Capacity to Fuel Your Workflow

Experience powerful multitasking and professional-grade computing power with the DW100 DDR5 192 GB memory kit. Designed to handle the most demanding workloads, the DW100 enables the seamless operation of multiple resource-intensive applications, including 3D rendering, big data analytics and advanced AI model training. Accelerate your AI development with faster data access and significantly reduced latency for smoother performance during massive data processing tasks.

CL28 Ultra-Low Latency Stable Overclocking

With a high speed of 6000 MT/s and exceptionally low CL28 latency, this memory kit minimizes data access delays, unlocking superior system responsiveness. Its low timings ensure the rapid command execution and efficient data flow, crucial for latency-sensitive applications such as competitive gaming and AI processing. Designed for enthusiasts and professionals, it provides a seamless balance of high speed, ultra-low latency, and stable performance, enabling you to push your system beyond its limits.

Optimized Compatibility and Dependable Performance

The Biwin OC Lab DW100 DDR5 192 GB memory kit is precisely tuned for AMD platforms. It optimizes timings, signal integrity, and power efficiency, allowing processors to reach their full potential. This memory kit is compatible with Gigabyte, MSI and ASUS motherboards and is optimized to deliver reliable performance and stability across a wide range of system configurations.

Technical Efficiency and More Stable Performance

The Biwin OC Lab Gold Edition DW100 192 GB memory kit features a robust 10-layer PCB that ensures enhanced signal integrity and effective heat dissipation. This minimizes interference and maintains system stability. Its unlocked PMIC provides flexible voltage adjustments for precise power management and allows you to push your system beyond standard limits.

► Biwin Storage Black Opal Series

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.

Biwin Black Opal is especially designed for gamers, enthusiasts, modders, and overclockers seeking top-tier performance. It is the result of years of experience in SSDs and DRAM manufacturing. The durability matches the more strenuous needs of gamers, content providers and professional users.

► Specifications

Model Name	Biwin Black Opal OC LAB Gold Edition DW100 192 GB Memory Kit
RAM Type	DDR5 RGB UDIMM
Capacity	192 GB (48 GB x 4)
Data Rate	6000 MT/s
Timing	CL28
Rank	2R x 8
Operating Voltage	1.40 V
Dimensions	5.36 x 1.98 x 0.331 inch
Operating Temperature	0°C to +85°C
Storage Temperature	-40°C to +85°C
Certifications	FCC, CE, KCC, BMSI, RCM, WEEE, RoHS, UKCA, VCCI
Warranty	Limited Lifetime

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 lifecycle. 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. Instructions for purchasing high-frequency memory: Overclocking memory needs to be equipped with a matching motherboard and processor to exert its overclocking performance. Please verify prior to purchase whether your motherboard and CPU support the specifications of Biwin DRAM. Activate XMP after installation to enjoy the overclocking speed.
6. For detailed compatibility information, including supported motherboards and validated configurations, please refer to the official memory module compatibility list (QVL). We recommend reviewing the list before purchase to ensure optimal integration and performance.
7. Please visit www.biwintech.com for more details.

Global Headquarters:
BIWIN STORAGE TECHNOLOGY CO., LTD.
Building #4, South Zone #2, Zhongguan Honghualing Industrial Zone,
Nanshan District, Shenzhen, Guangdong, China
support@biwintech.com
www.biwintech.com

America Headquarters:
BIWIN TECHNOLOGY LLC
8725 NW 18th Terrace Suite 400, Miami, FL 33172, U.S.A
+1 (305) 456-3288

BIWIN SEMICONDUCTOR (HK) COMPANY LIMITED (Taipei Office)
2nd Floor, No. 158, Xinhua 2nd Road, Neihu District, Taipei City 114, Taiwan
+886 (2) 2795-282



**Lifetime
Warranty**