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 × 8
Operating Voltage	1.40 V
Dimensions	136.19 x 50.24 x 8.40 mm
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

訂購資訊

Part Number	Capacity	Rank	Data Rate (MT/s)	Timing	Voltage	Package	Color	Warranty
OCBXL59260DW1-Q28FB	192 GB	2R x 8	6000	CL28-36-36-102	1.4 V	48 GB x 4pcs	Gold Edition	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.

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Statement Regarding the Data Rates of Memory Products

The maximum data rates indicated for memory products are overclocking performance metrics achievable under specific conditions and are not the default out-of-the-box frequencies. Please find the complete details below:

1 INTEL® XMP/ AMD EXPO™ Function Must Be Enabled

This product is an overclocking-type memory module. The stated maximum data rate can only be achieved by manually enabling INTEL® XMP or AMD EXPO™ in the motherboard BIOS. If this function is not enabled, the memory will run at the default JEDEC standard frequency and will not reach its stated maximum performance.

2 Any Stated Data Rate Depends on Hardware Compatibility

Achieving the stated maximum data rate depends on system hardware and software conditions, including the CPU model, motherboard chipset, BIOS version, and memory slot configuration. Before purchasing, please be sure to consult the official QVL (Qualified Vendor List) and compatibility notes to confirm that your hardware configuration is supported.

3 Risk Warning for Overclocking and Additional Settings

This product comes with preset overclocking parameters as determined by extensive testing in our labs. Manual overclocking beyond the official presets (including adjusting frequency, timings, voltage, etc.) is not recommended. Unauthorized custom operations may lead to:

- System instability, blue screens, crashes, or restarts
- Damage to memory, CPU, motherboard, or other hardware
- Data loss, file corruption, or system crashes
- Voiding of the product warranty

4 Performance Description and Advertising Compliance Statement

All stated performance parameters that accompany our products are test results obtained under ideal laboratory conditions. They are provided for product specification purposes only and do not constitute a promise or guarantee of any user's actual operational results, speed, or stability. Actual operating frequencies and performance may vary due to differences in equipment; no absolute uniform effect is guaranteed.

5 Limitation of Liability

The company and its authorized distributors shall not be liable for breach of contract or tort for any direct or indirect losses (including but not limited to hardware damage, data loss, business interruption, or failure to achieve stated performance) resulting from failure to operate according to instructions, failure to enable XMP/E.X.P.O, hardware incompatibility, unauthorized overclocking, improper system settings, or other related causes. Product warranty is subject to the official warranty terms; improper operation will void the warranty.

By confirming the purchase, installing, or using this product, the user is deemed to have read, understood, and agreed to all terms of this statement, and to be fully aware of the conditions required to achieve the performance of overclocked memory and the associated potential risks. If you have any questions regarding product specifications, usage conditions, or compatibility, please contact official technical support before purchasing.

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