OWC OWC1S6T31R804GB-B936-SF

OWC 4GB DDR3L 1600MHz SODIMM Memory Module User Manual

Model: OWC1S6T31R804GB-B936-SF

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your OWC 4GB DDR3L 1600MHz SODIMM Memory Module. This module is designed to enhance the performance of compatible systems by increasing available RAM. Please read these instructions carefully before proceeding with installation.
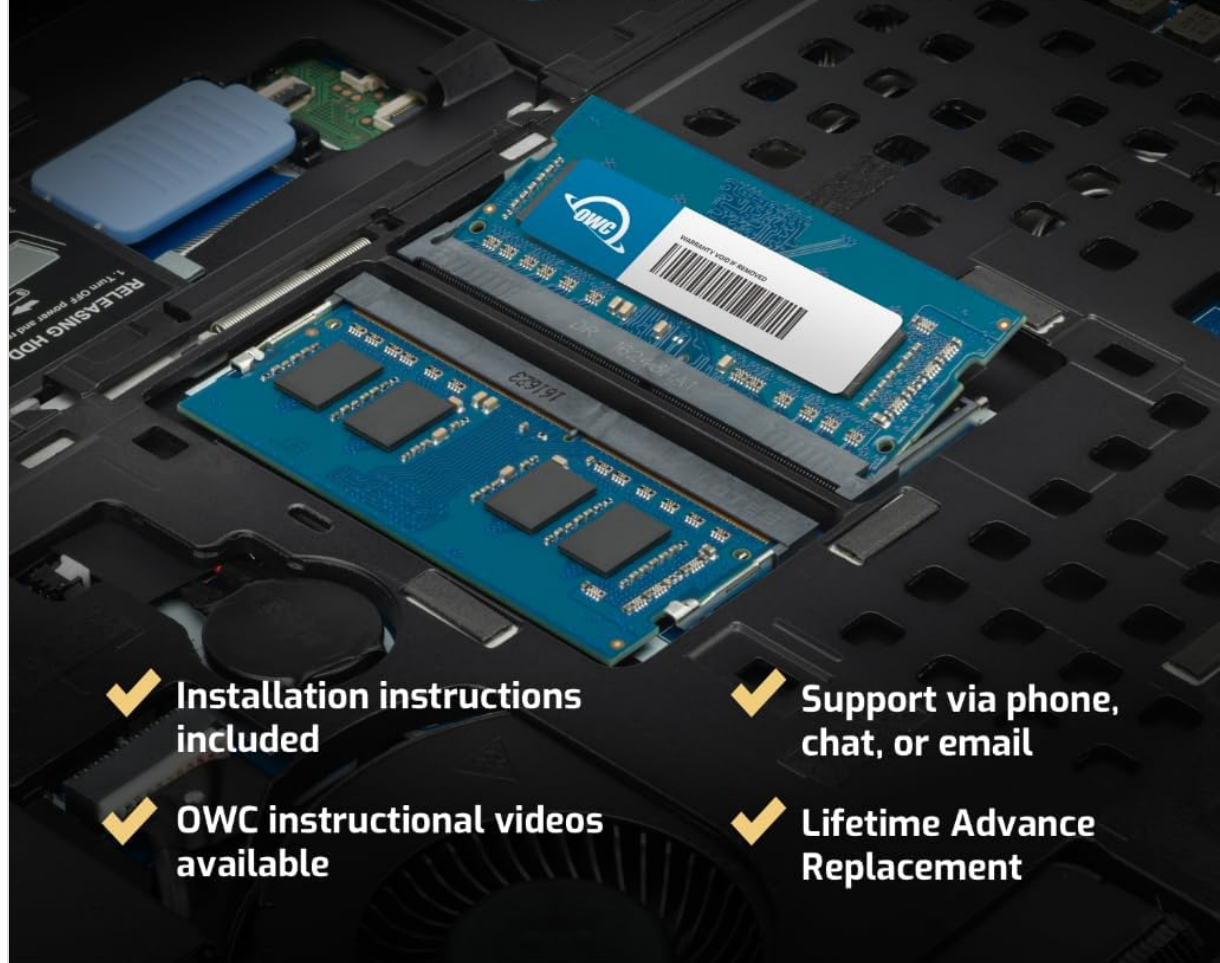
SETUP AND INSTALLATION

Installing a memory module requires careful handling. Always ensure your system is powered off and disconnected from its power source before opening it. It is recommended to wear an anti-static wrist strap to prevent electrostatic discharge (ESD), which can damage electronic components.

1. **Preparation:** Power down your computer completely and unplug all cables. If it's a laptop, remove the battery.

2. **Access Memory Slots:** Open your computer case or laptop's memory compartment. Refer to your computer's specific service manual for instructions on how to access the memory slots.

3. **Locate Slots:** Identify the available SODIMM slots. If you are replacing existing modules, gently push the retention clips outward to release the old module, then carefully remove it.

4. **Insert New Module:** Hold the OWC memory module by its edges, aligning the notch on the module with the key in the memory slot. Insert the module firmly at a 45-degree angle.

5. **Secure Module:** Push the module down until the retention clips on both sides snap into place, securing the module horizontally.

6. **Close System:** Close the memory compartment or computer case. Reconnect all cables and the battery (if applicable).

7. **Power On:** Power on your computer. The system should automatically detect the new memory. You can verify the installed RAM in your operating system's system information.

Image: Proper insertion of the OWC 4GB DDR3L SODIMM memory module into a laptop's memory slot. Ensure the module is aligned correctly before gently pressing it into place.

For visual guidance, OWC provides basic installation videos. Please visit the OWC support website for more information.

OPERATING THE MEMORY MODULE

The OWC 4GB DDR3L 1600MHz SODIMM memory module operates automatically once installed and recognized by your system. Its primary function is to provide fast, temporary storage for data that the CPU actively uses, thereby improving overall system responsiveness and multitasking capabilities. No direct user interaction is required for its operation.

MAINTENANCE

Memory modules generally require minimal maintenance. To ensure optimal performance and longevity:

- **Keep Clean:** Ensure the computer's interior is free from dust and debris, which can impede airflow and lead to overheating.
- **Handle Carefully:** When handling the module, always hold it by the edges to avoid touching the gold contacts or integrated circuits.

- **Environmental Conditions:** Operate your computer within recommended temperature and humidity ranges to prevent component stress.

Troubleshooting

If you encounter issues after installing your OWC memory module, consider the following troubleshooting steps:

- **No Display/System Not Booting:** This often indicates that the memory module is not seated correctly. Power off the system, unplug it, and re-seat the module firmly in its slot. Ensure the retention clips are fully engaged.
- **Incorrect RAM Amount Detected:** Verify that the module is fully seated. If the issue persists, check your system's BIOS/UEFI settings to confirm the detected memory. Ensure your system's motherboard supports the installed memory type and speed.
- **System Instability/Crashes:** This could be due to incompatible memory or a faulty module. If you have multiple modules, try testing them one by one. Ensure the module is compatible with your system's specifications.
- **Compatibility Check:** Double-check that your computer model and motherboard support DDR3L SODIMM memory at 1600MHz and the specified voltage (1.35V).

If these steps do not resolve the issue, please contact OWC Technical Support for further assistance.

Specifications

Image: The OWC 4GB DDR3L 1600MHz 204-pin SO-DIMM memory module, showcasing its label and physical form factor.

Feature	Detail
Brand	OWC
Model Number	OWC1S6T31R804GB-B936-SF
Memory Size	4 GB
Memory Technology	DDR3L
Memory Speed	1600 MHz (PC3L-12800)

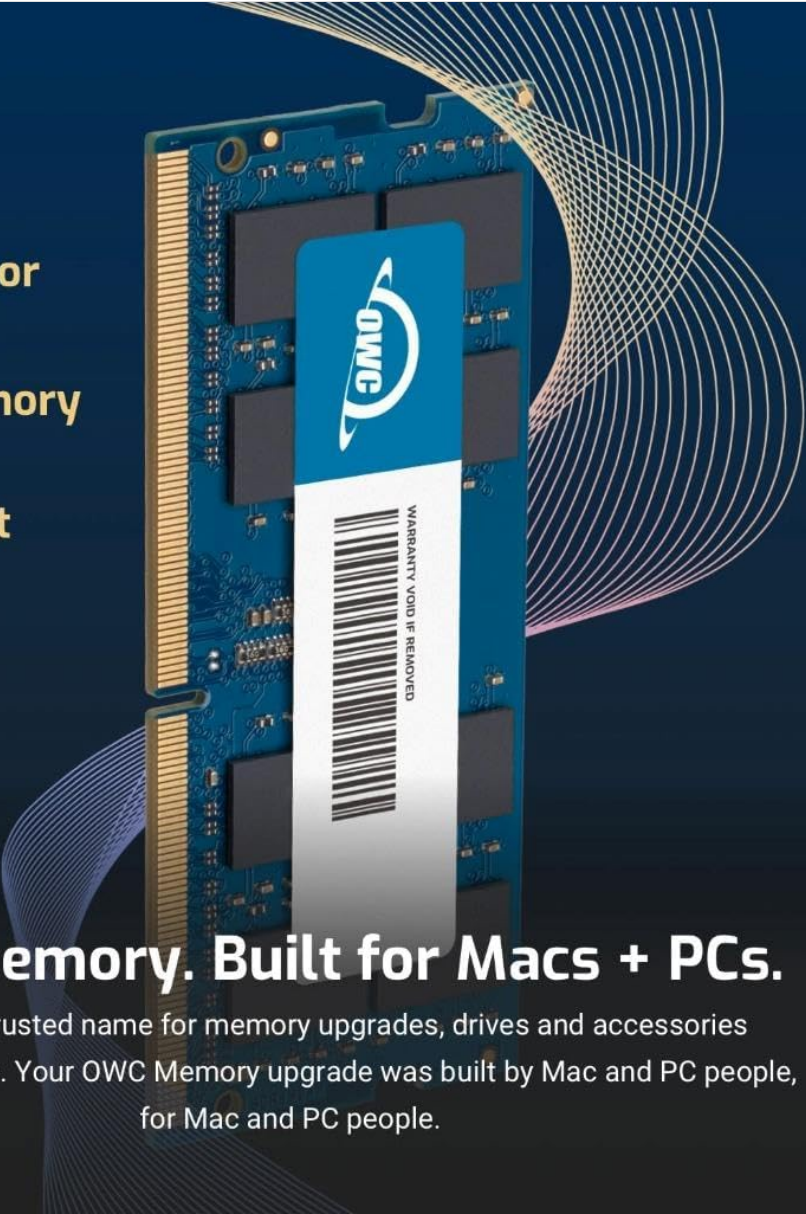|	
CAS Latency	CL11
Rank and Organization	1Rx8
Pin Count	204-pin
Voltage	1.35 Volts (DC)
Error Correction	Non-ECC
Form Factor	SODIMM
Compatible Devices	Laptop (and other compatible systems)
Weight	Approximately 3 ounces
Dimensions	Approximately 6 x 4 x 0.5 inches (Package)

Form Factor
SO-DIMM

Type of Memory
DDR3

Pin Count
204PIN

OWC Memory. Built for Macs + PCs.

Rely on the trusted name for memory upgrades, drives and accessories for over 30 years. Your OWC Memory upgrade was built by Mac and PC people, for Mac and PC people.

Image: Detailed view of the OWC SODIMM, indicating its form factor (SO-DIMM), memory type (DDR3), and pin count (204-PIN).

WARRANTY INFORMATION

OWC provides a **Limited Lifetime Warranty** for this memory module. This warranty covers defects in materials and workmanship for the lifetime of the product. OWC also offers an **Industry Leading Advanced Replacement Policy**, which allows for a replacement memory module to be shipped to you without waiting for the return of the original, minimizing downtime.

For specific terms and conditions of the warranty and advanced replacement program, please refer to the official OWC website or contact OWC support.

SUPPORT

Should you require technical assistance or have questions regarding your OWC memory module, our experienced Technical Support Team is available. You can reach us via phone, chat, or email. Please visit the official OWC website for contact details and support resources.