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Lian Li O11 Vision

Lian Li O11 Vision Black ATX Mid Tower PC Case User Manual

Model: O11 Vision Black

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Lian Li O11 Vision Black ATX Mid Tower PC Case. Please read this manual thoroughly before beginning your PC build to ensure proper installation and optimal performance. The O11 Vision is designed in collaboration with PC Master Race (PCMR) to offer a premium building experience with an unobstructed view of your components.



Image 1.1: The Lian Li O11 Vision Black ATX Mid Tower PC Case, showcasing its three-sided tempered glass panels.

2. KEY FEATURES

- **Seamless View:** Features three sides of tempered glass panels without support columns, providing an unobstructed view of internal components.
- **Solid Structure:** Tempered glass panels are secured by corner magnets capable of withstanding 35kg of force, ensuring stability.
- **Enhanced Cooling:** Designed with 27mm tall feet and a hollowed-out fan bracket with 13mm elevation for improved cold air intake. Supports up to two 360mm radiators.

- **Flexible Internal Configuration:** Includes an adjustable motherboard tray and a two-way reversible side fan bracket for versatile component placement.
- **Dual-Chamber Design:** Separates the main components from cables and power supply for a cleaner aesthetic and improved airflow.



Image 2.1: The O11 Vision series cases in various colors, highlighting the unobstructed view of internal hardware.

3. SETUP AND INSTALLATION

3.1. Panel Removal

The O11 Vision features tool-less panel removal for easy access to internal components. Gently pull the tempered glass panels to detach them from the magnetic latches. Store them safely to prevent damage during installation.

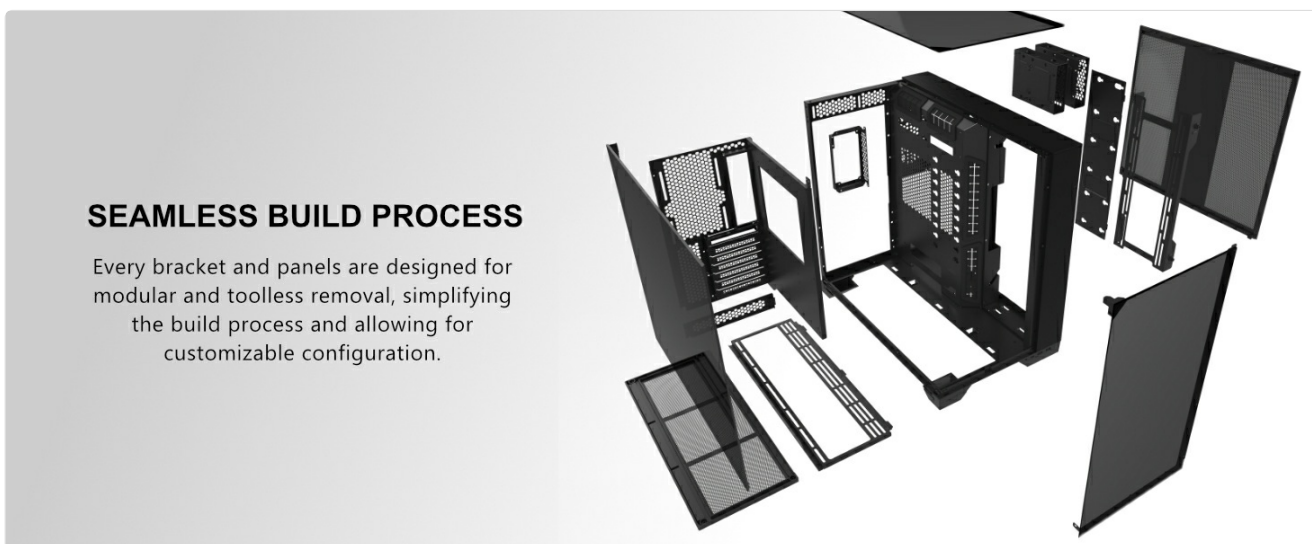


Image 3.1: An exploded view demonstrating the modular and tool-less removal of brackets and panels for a seamless build process.

3.2. Motherboard Installation

The adjustable motherboard tray simplifies installation. You can mount the motherboard, CPU, CPU cooler, and graphics card outside the chassis first, then slide the entire assembly into place. This provides ample working space.

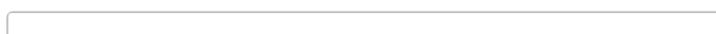


Image 3.2: The adjustable motherboard tray on the right, allowing for easier component installation outside the case. On the left, the removable bottom fan bracket and dust filter.

3.3. Storage Device Installation

The O11 Vision offers flexible storage options:

- **Multi-Function Storage Bracket:** This bracket can accommodate up to three 2.5" SSDs and also serves as a cable routing point.
- **Individual Drive Cages:** Two individual drive cages support either two 2.5" SSDs or two 3.5" HDDs. These cages are removable to create additional space for cable routing if needed.

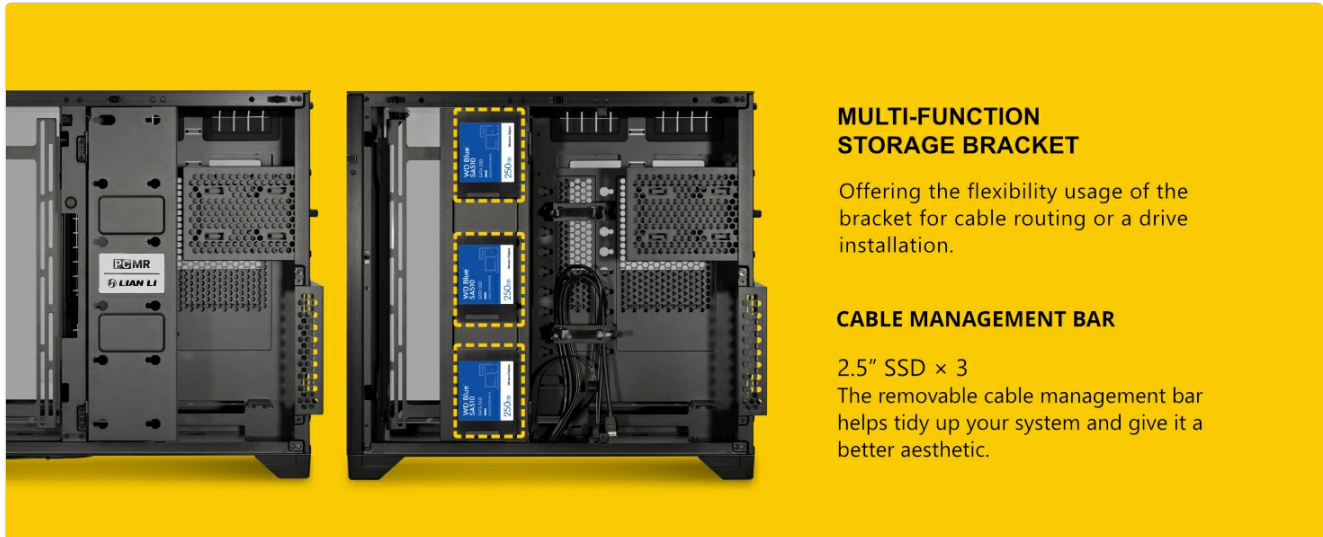


Image 3.3: The multi-function storage bracket on the left, capable of holding 2.5" SSDs. The cable management bar is also visible.

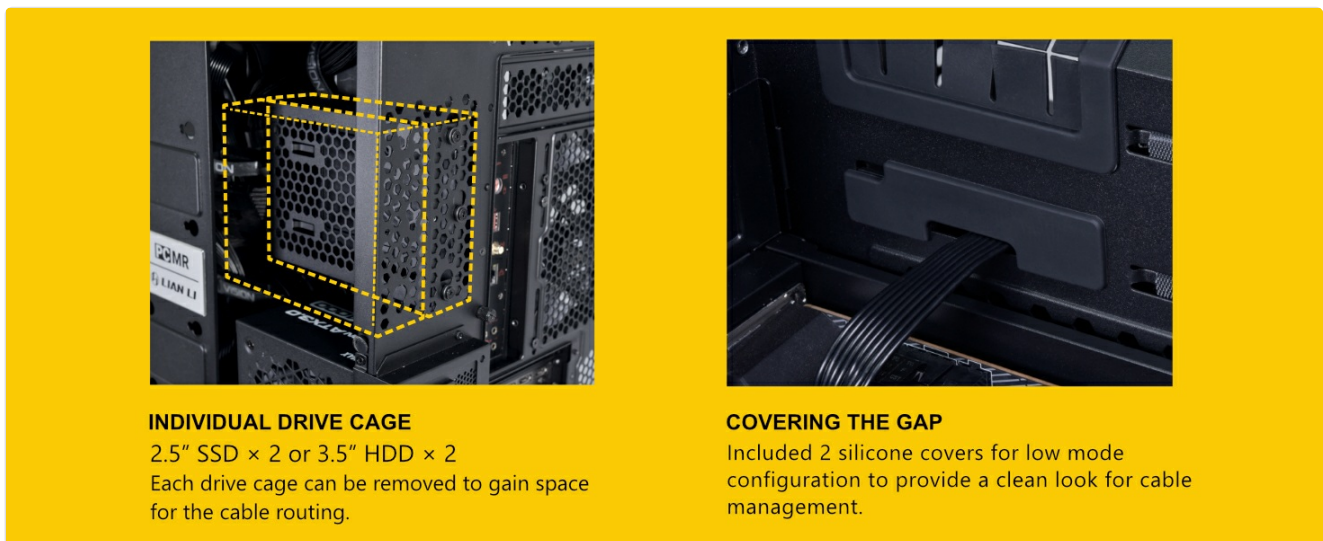


Image 3.4: On the left, an individual drive cage for 2.5" SSDs or 3.5" HDDs. On the right, silicone covers used to conceal cable gaps in low mode configurations.

4. COOLING CONFIGURATION

The O11 Vision supports various cooling setups to optimize thermal performance. The case features elevated feet and a hollowed-out bottom fan bracket for ample airflow intake.

4.1. Fan and Radiator Support

- **Bottom:** Supports up to three 140mm fans or three 120mm fans, or a 360mm radiator.
- **Side:** Supports up to three 140mm fans or three 120mm fans, or a 360mm radiator.
- **Rear:** Supports up to two 120mm fans or a 240mm radiator.

4.2. Cooling Modes

The O11 Vision offers two primary cooling modes:

- **High Mode:** Prioritizes radiator space and aesthetics. Recommended setup includes side intake with a push-pull 360mm radiator and six 120mm fans, rear exhaust with one 120mm fan, and bottom intake with three 140mm fans or a radiator.
- **Low Mode:** Enhances airflow with an extra rear fan. Recommended setup includes side intake with a push-pull 360mm radiator and six 120mm fans, rear exhaust with two 120mm fans, and bottom intake with three 140mm fans.

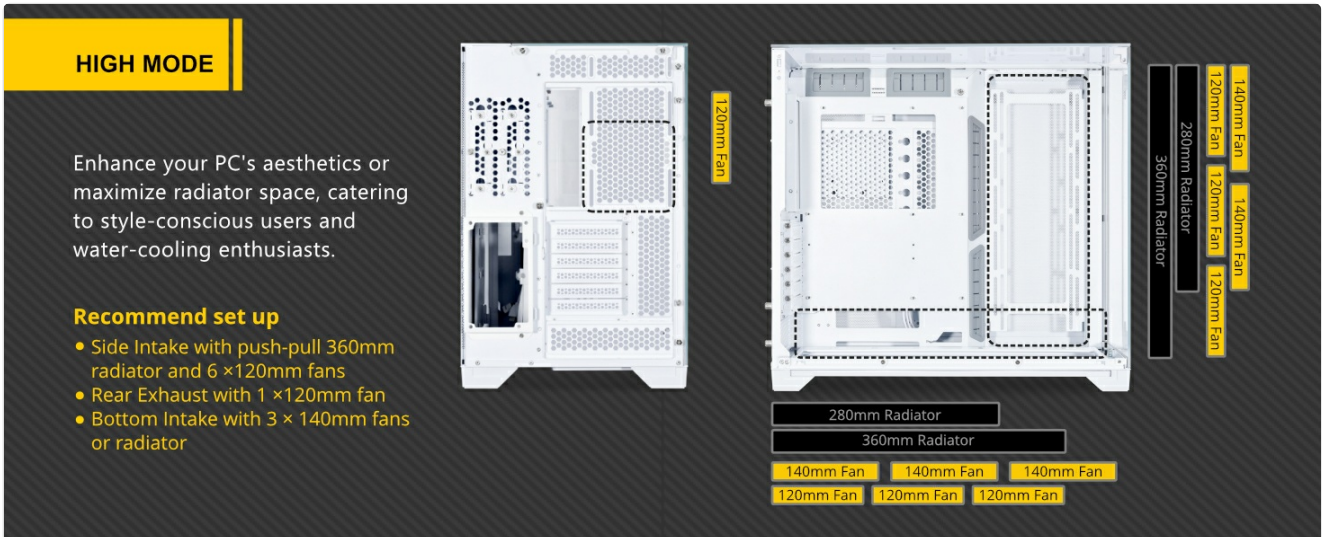


Image 4.1: A diagram detailing the fan and radiator placement options for High Mode, emphasizing radiator space.

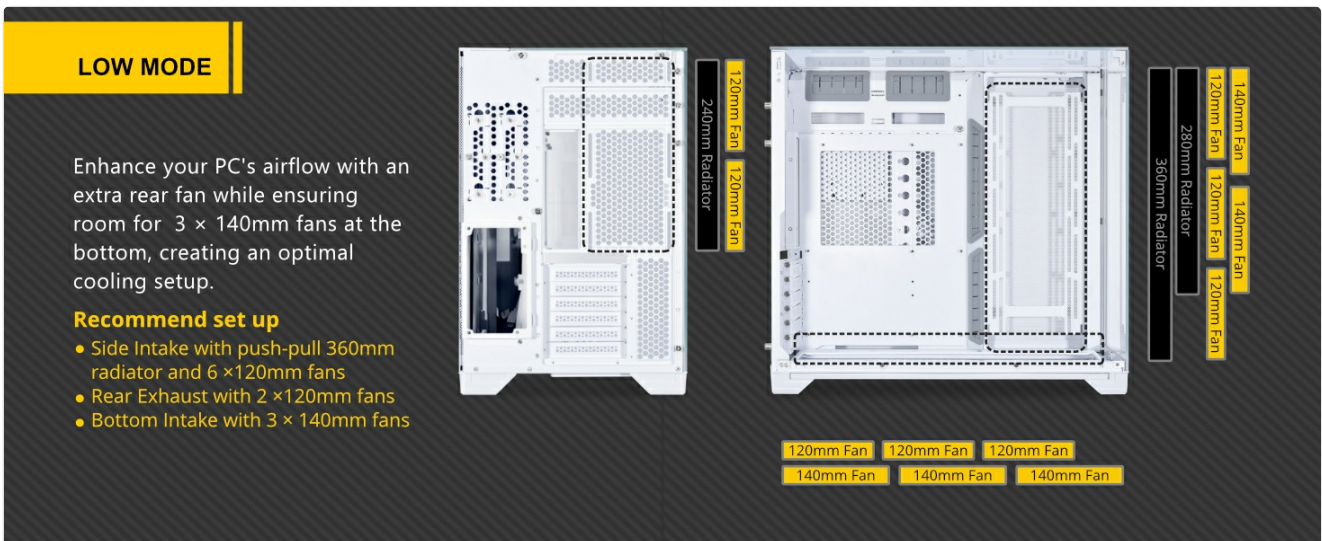


Image 4.2: A diagram detailing the fan and radiator placement options for Low Mode, focusing on enhanced airflow.

BALANCE BETWEEN COOL AND CLEAR

The O11 Vision not only boasts a striking appearance but also doesn't compromise on cooling capabilities thanks to its 27mm tall feet and hollowed out bottom fan bracket with 13mm elevation, ensuring ample airflow intake within the chassis. Offers support for a maximum of 2 × 360 + 1 × 240 radiators, ensuring efficient thermal control.

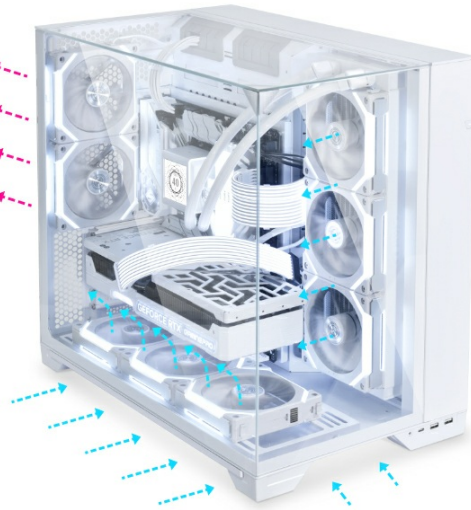


Image 4.3: An illustration demonstrating the airflow balance, highlighting the 27mm tall feet and 13mm elevated bottom fan bracket for optimal air intake.

5. CABLE MANAGEMENT

The O11 Vision's dual-chamber design is optimized for clean cable management, keeping the main chamber aesthetically pleasing and clutter-free.

- **Flexible Cable Clips:** Two dual-layer cable clips can be mounted along vertical grommets, providing versatile routing options for both bulky and thinner cables.
- **Extended PSU Room:** The PSU mounting bracket protrudes 15mm from the rear, offering extra space for cable routing behind the power supply. Additional cable tie points are available.
- **Cable Management Bar:** A removable bar assists in tidying up cables and improving the overall internal aesthetic.
- **Silicone Covers:** Included silicone covers can be used in low mode configurations to provide a clean look by covering cable gaps.

THE CLEAN CABLE MANAGEMENT SOLUTION

To maintain the most aesthetic view in the main chamber, O11 Vision is designed with cable management in mind in the second chamber.



Image 5.1: A view of the second chamber, illustrating how cables are managed to maintain a clean appearance in the main chamber.

FLEXIBLE CABLE CLIPS

Features 2 dual-layer cable clips that can be mounted anywhere along vertical grommets pass through, providing versatility for your cable routing plan.

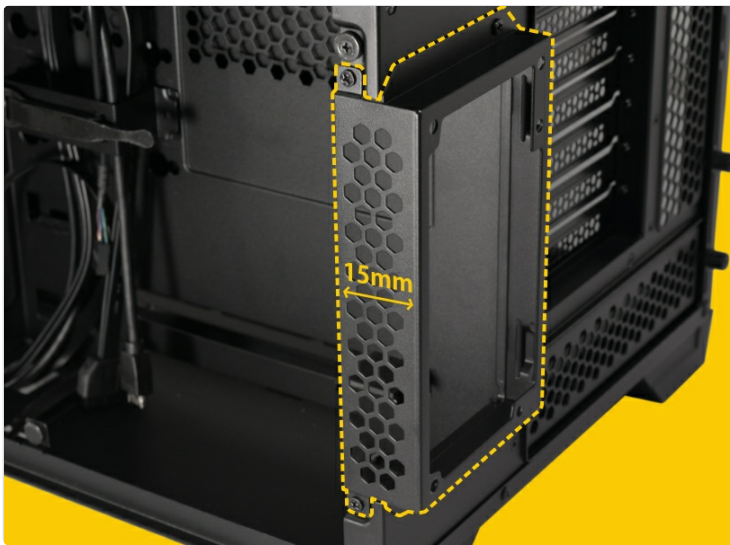


Bulky cables can be securely held in the cable holder.



Thinner cables can be managed using Velcro straps.

Image 5.2: Close-up of the flexible cable clips, showing how they secure both bulky and thinner cables.



EXTENDED ROOM

The PSU mounting bracket protrudes 15mm from the rear of the case, allowing extra space for cable management. Additionally, a cable tie point along the rear of the case helps keep the rear I/O cables tidy.

Image 5.3: The PSU mounting bracket, demonstrating the 15mm extension for additional cable management space.

6. SPECIFICATIONS

Feature	Specification
Brand	Lian Li
Model Name	O11 Vision Black
Case Type	Mid Tower
Motherboard Compatibility	ATX
Material	Aluminum, Tempered Glass
Color	Black
Item Weight	25.6 pounds
Product Dimensions (LxWxH)	18.9 x 18.29 x 11.97 inches
Number of USB 2.0 Ports	2

Number of USB 3.0 Ports	2
Cooling Method	Air
Fan Size Support	120mm, 140mm

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your PC case.

- **Dust Filters:** Periodically remove and clean the dust filters located at the bottom and other intake areas. Use compressed air or a soft brush to remove accumulated dust.
- **Tempered Glass Panels:** Clean glass panels with a microfiber cloth and a non-abrasive glass cleaner. Avoid harsh chemicals that may damage the glass or coatings.
- **Internal Cleaning:** With the system powered off and unplugged, use compressed air to clear dust from fans, radiators, and other internal components.

8. TROUBLESHOOTING

This section addresses common issues you might encounter during or after building your PC in the O11 Vision case.

- **Component Fit Issues:** Ensure all components, especially large GPUs and radiators, are within the specified dimensions. Refer to the specifications section for maximum clearances. The adjustable motherboard tray and reversible side fan bracket offer flexibility for fitting components.
- **Poor Airflow/High Temperatures:** Verify that fans are installed in the correct orientation (intake/exhaust) according to your chosen cooling mode. Ensure dust filters are clean and not obstructing airflow. Check that all cables are neatly managed and not blocking air pathways.
- **Loose Panels:** Ensure tempered glass panels are properly seated and the magnetic latches are engaged. If a panel feels loose, re-seat it firmly.
- **Front I/O Not Functioning:** Double-check all front panel connectors (USB, audio, power/reset switches) are correctly connected to the motherboard headers as per your motherboard manual.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Lian Li website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Official Lian Li Website: www.lian-li.com