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## Lian Li O11D-1X

# Lian Li O11D-1X Vertical GPU Bracket Kit PCI-E 3.0 Instruction Manual

Comprehensive guide for installation and usage of the O11D-1X Vertical GPU Bracket Kit.

## 1. PRODUCT OVERVIEW

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The Lian Li O11D-1X Vertical GPU Bracket Kit is designed to allow vertical mounting of a graphics processing unit (GPU) within compatible PC cases, specifically the Lian Li PC-O11D and PC-O11AIR. This kit includes a PCI-E x16 3.0 extender riser cable and a robust cover bracket, enabling a unique aesthetic and improved airflow for certain system configurations. This product is compatible with PCI-E 3.0 graphics cards and is not compatible with PCI-E 4.0 VGA cards.

### Package Contents

- Black Extender Riser Cable (PCI-E x16 3.0, 300mm length)
- Vertical GPU Cover Bracket



Image 1.1: The Lian Li O11D-1X Vertical GPU Bracket Kit shown installed with a graphics card in a PC case.

## 2. SAFETY INFORMATION

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- Ensure your computer is powered off and unplugged from the wall outlet before beginning installation.
- Discharge any static electricity from your body by touching a grounded metal object before handling components.
- Handle all components with care to prevent damage.
- Refer to your PC case and GPU manuals for additional safety guidelines.
- This kit is designed for PCI-E 3.0 compatibility only. Using it with PCI-E 4.0 graphics cards may result in instability or malfunction.

## 3. SETUP AND INSTALLATION

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### 3.1 Preparation

- Power off your computer and disconnect all cables.
- Open your PC case to access the interior.
- Remove your existing graphics card if one is installed.
- Identify the PCI-E x16 slot on your motherboard where the riser cable will connect.

### 3.2 Installation Steps

1. **Remove PCI Slot Covers:** Remove the necessary PCI slot covers from the rear of your PC case to

accommodate the vertical GPU bracket. For the Lian Li O11 Dynamic series, this typically involves removing all horizontal PCI slot covers.

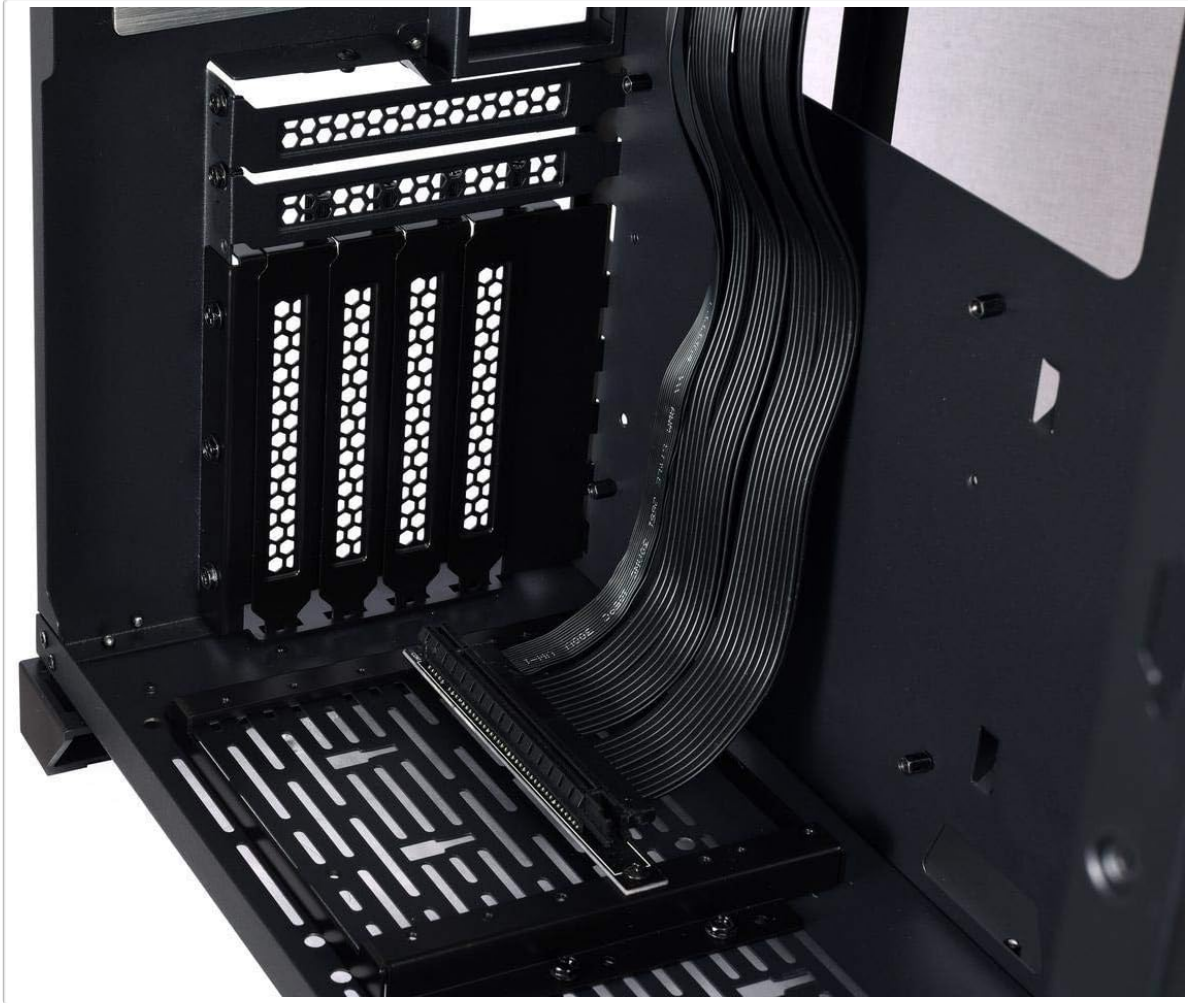


Image 3.1: View of the empty PCI slot area at the rear of a PC case, ready for bracket installation.

- 2. Install the Vertical GPU Bracket:** Position the vertical GPU bracket component into the designated area at the bottom of your PC case. Secure it using the provided screws. Ensure it is firmly attached to prevent movement.

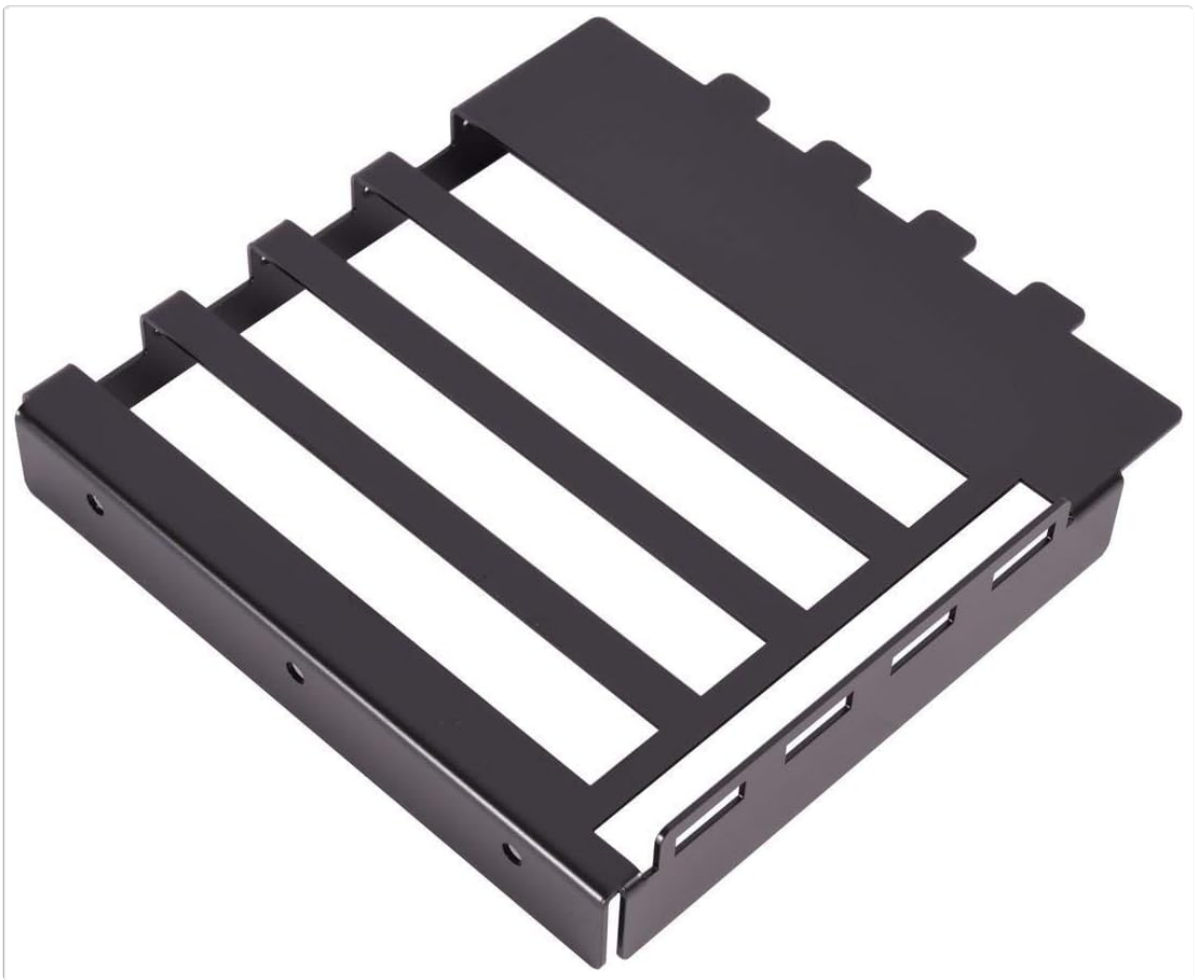


Image 3.2: The vertical GPU bracket component before installation.

3. **Connect the Riser Cable:** Attach the PCI-E x16 3.0 riser cable to the vertical GPU bracket. Ensure the cable is routed neatly and does not obstruct airflow or other components. Connect the other end of the riser cable to the primary PCI-E x16 slot on your motherboard.



Image 3.3: The vertical GPU bracket with the PCI-E riser cable connected.

4. **Mount the Graphics Card:** Carefully align your graphics card with the vertical GPU bracket and the riser cable's PCI-E slot. Insert the graphics card into the riser cable's slot until it is fully seated.



Image 3.4: A graphics card securely mounted vertically within the PC case.

5. **Secure the Graphics Card:** Use the screws provided with your graphics card or PC case to secure the graphics card to the vertical bracket. Ensure the card is stable and does not sag.

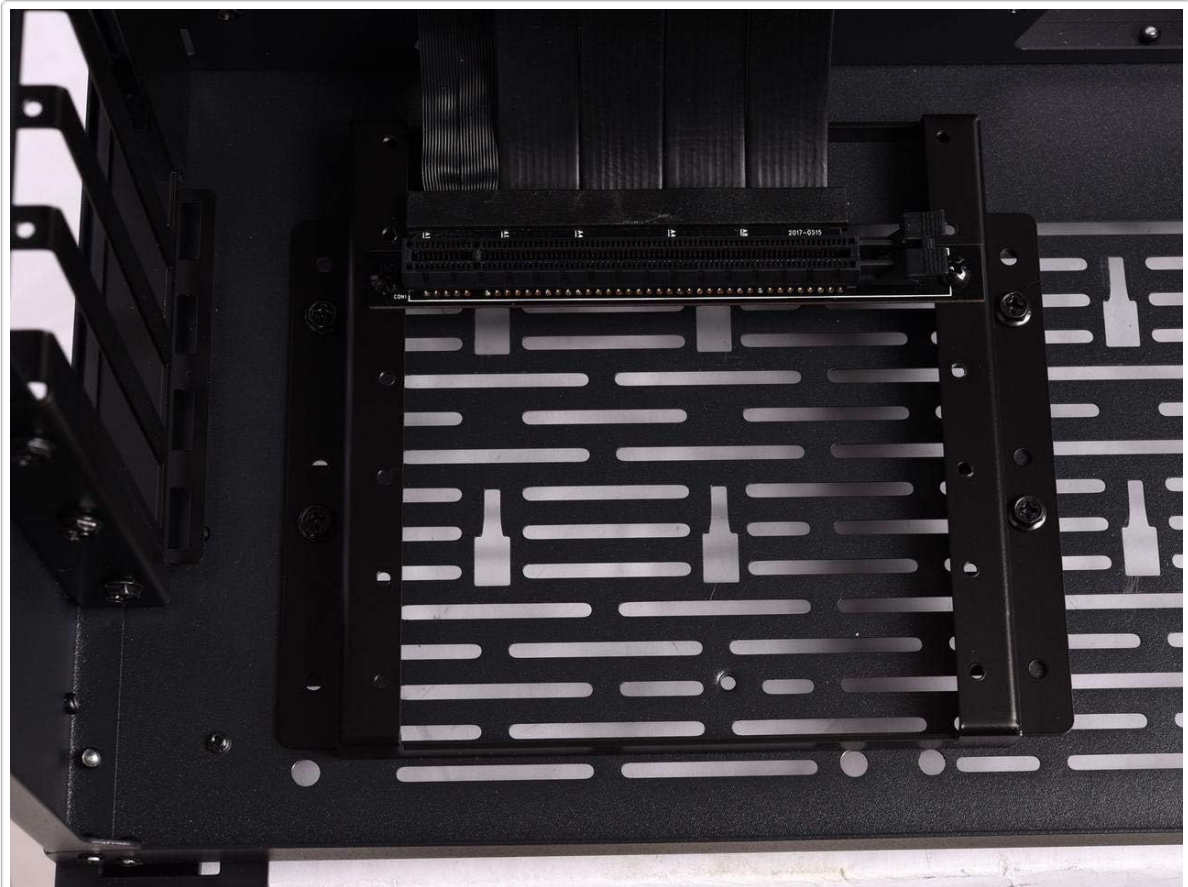


Image 3.5: Detail of the bottom mounting area, showing how the bracket and riser cable connect.

6. **Final Checks:** Double-check all connections. Close your PC case and reconnect all external cables.

## 4. OPERATING INSTRUCTIONS

Once the vertical GPU bracket and graphics card are installed, power on your computer. The system should recognize the graphics card as usual. No special software or drivers are required for the bracket itself, as it functions as a passive extension. Ensure your graphics card drivers are up to date for optimal performance.

## 5. MAINTENANCE

- Periodically inspect the riser cable and bracket for any signs of wear or damage.
- Ensure all screws remain tight to prevent GPU sag.
- Keep the interior of your PC case clean from dust to maintain optimal airflow and component temperatures.
- Avoid bending the riser cable excessively, as this can damage the internal wiring.

## 6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Graphics card not detected	Riser cable not fully seated; BIOS/UEFI settings; PCI-E 4.0 card with PCI-E 3.0 riser.	Ensure riser cable is firmly connected to both motherboard and GPU. Check motherboard BIOS/UEFI for PCI-E slot settings (set to Gen3 if applicable). Verify GPU is PCI-E 3.0 compatible.
System instability or crashes	Loose connections; incompatible PCI-E version; faulty riser cable.	Re-seat all connections. Confirm PCI-E 3.0 compatibility. Test the graphics card directly in the motherboard slot to rule out riser cable issues.
GPU sag	Insufficiently secured bracket or GPU.	Ensure all mounting screws for the bracket and GPU are tightened. Consider additional GPU support if necessary.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	O11D-1X
Material	SECC
Expansion Slot Support	4 Slots
PCI-E Cable Length	300mm
PCI-E Version	3.0 (x16)
Compatibility	Lian Li PC-O11D, PC-O11AIR cases
Color	Black

Feature	Detail
Item Weight	8.1 ounces
Product Dimensions	1.5 x 6.9 x 14 inches

## 8. WARRANTY AND SUPPORT

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Lian Li products are manufactured to high-quality standards. For specific warranty information regarding your O11D-1X Vertical GPU Bracket Kit, please refer to the official Lian Li website or contact their customer support directly. Keep your proof of purchase for warranty claims.

For further assistance or to view other Lian Li products, please visit the [Lian Li Store](#).