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› Cooler Master MasterAccessory Riser Cable PCIe 3.0 x16 Ver. 2 - 300mm Instruction Manual

Cooler Master MCA-U000C-KPCI30-300

Cooler Master MasterAccessory Riser Cable PCIe 3.0 x16 Ver. 2 - 300mm Instruction Manual

Model: MCA-U000C-KPCI30-300

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, use, and maintenance of your Cooler Master MasterAccessory Riser Cable PCIe 3.0 x16 Ver. 2 - 300mm. Please read this manual thoroughly before installation to ensure optimal performance and prevent damage to your components.

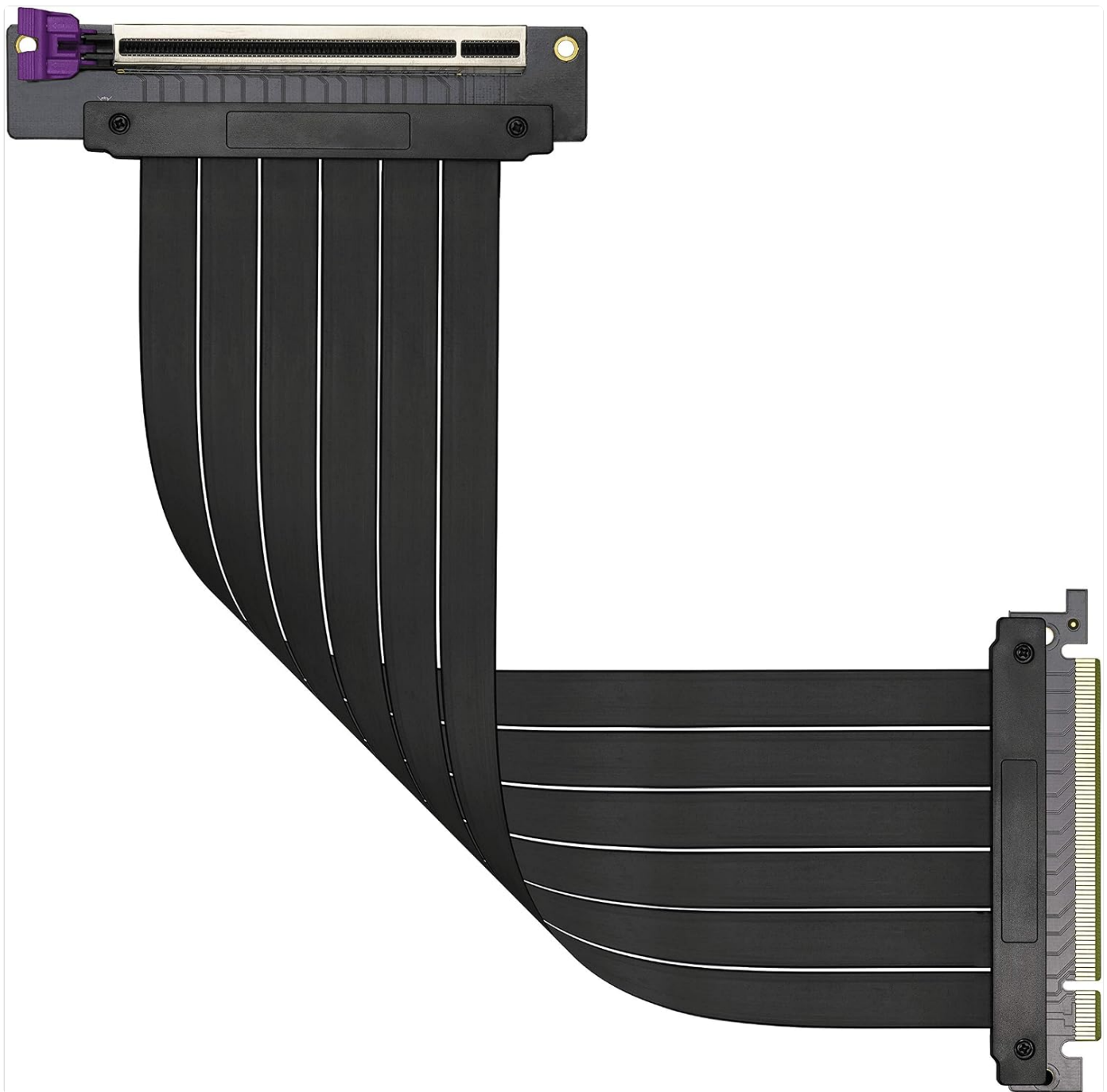


Figure 1: Cooler Master MasterAccessory Riser Cable PCIe 3.0 x16 Ver. 2 - 300mm. This image shows the full length of the black riser cable with its PCIe x16 connectors at both ends.

2. PRODUCT FEATURES

- **Ultra-Flexible TPE Cable:** Designed for maximum flexibility and durability, allowing for diverse layouts in compact cases or for showcasing vertically mounted graphics cards.
- **Heavy-Duty EMI Shielding:** Individual 28/30 AWG copper wires are insulated to minimize signal degradation and prevent electromagnetic interference.
- **Premium Quality PCIe 3.0 Slots:** Nickel-plated stainless steel provides rigidity for supporting heavy graphics cards, while gold pin connectors ensure excellent electrical conductivity and durability.
- **Protective ABS Casing:** UV-resistant ABS casing secures vulnerable connection points, protecting against physical damage during handling and installation.
- **Superior IPC4101D Compliant PCB:** Delivers enhanced performance under high thermal loads and cable flex compared to non-compliant alternatives.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Cooler Master MasterAccessory Riser Cable PCIe 3.0 x16 Ver. 2 - 300mm (1 unit)



Figure 2: The retail packaging for the Cooler Master MasterAccessory Riser Cable. The image displays the box with product branding and specifications.

4. SETUP AND INSTALLATION

Follow these steps to properly install the riser cable and your graphics card:

1. **Prepare Your System:** Power off your computer and disconnect it from the power source. Open your computer

case to access the motherboard and PCIe slots.

2. **Identify PCIe Slot:** Locate an available PCIe x16 slot on your motherboard. This is typically the longest slot.
3. **Connect to Motherboard:** Carefully align one end of the Cooler Master Riser Cable (the end with the purple retention clip) with the PCIe x16 slot on your motherboard. Gently push down until it is fully seated and the retention clip locks into place. Avoid excessive force.



Figure 3: Close-up view of the riser cable's motherboard connector, featuring the purple retention clip and gold-plated pins.

4. **Connect to Graphics Card:** Take your graphics card and align its PCIe x16 connector with the other end of the riser cable. Gently push the graphics card into the riser cable's slot until it is fully seated.



Figure 4: Close-up view of the riser cable's graphics card connector, showing the slot where the GPU will be inserted.

5. **Secure Graphics Card:** Depending on your case and mounting solution (e.g., vertical GPU bracket), secure the graphics card in its desired position. Ensure it is stable and not putting undue stress on the riser cable or motherboard slot.
6. **Cable Management:** Route the flexible riser cable carefully to avoid kinks or sharp bends. Ensure it does not obstruct airflow or other components.
7. **Final Check:** Double-check all connections to ensure they are secure. Close your computer case, reconnect power, and power on your system.

Important: Handle the riser cable and graphics card with care. Avoid bending the cable sharply or applying excessive force during installation to prevent damage to the connectors or internal wiring.

5. OPERATION

The Cooler Master MasterAccessory Riser Cable is a passive component designed to extend a PCIe x16 slot. Once correctly installed, it functions transparently, allowing your graphics card to operate as if directly connected to the motherboard's PCIe slot. No additional software or drivers are required for the riser cable itself.

6. MAINTENANCE

To ensure the longevity and optimal performance of your riser cable:

- **Keep Clean:** Periodically inspect the cable and connectors for dust accumulation. Use compressed air or a soft, dry cloth to gently clean them.
- **Avoid Physical Stress:** Do not bend the cable beyond its natural flexibility. Avoid placing heavy objects on the cable or subjecting it to tension.
- **Environmental Conditions:** Operate the cable within typical indoor computer environment temperatures and humidity levels.

7. TROUBLESHOOTING

If you encounter issues after installing the riser cable, consider the following:

- **No Display/System Not Booting:**
 - Ensure both ends of the riser cable are fully seated in the motherboard and graphics card.
 - Verify that the graphics card is receiving adequate power from the power supply.
 - Test the graphics card by connecting it directly to the motherboard's PCIe slot to rule out other component issues.
 - Check your motherboard's BIOS/UEFI settings for PCIe slot configuration. Some motherboards may require specific settings for riser cables, especially for PCIe 4.0/5.0 cards used with PCIe 3.0 risers (though this is a PCIe 3.0 riser, compatibility issues can still arise).
- **Reduced Performance:**
 - Ensure the riser cable is not kinked or damaged.
 - Confirm that the graphics card is operating at the correct PCIe generation (PCIe 3.0 x16). Performance degradation can occur if the connection defaults to a lower generation or fewer lanes.
- **Intermittent Issues:**
 - Reseat all connections.
 - Check for any loose screws or components within the case that might be causing shorts or interference.

If problems persist, contact Cooler Master customer support for further assistance.

8. SPECIFICATIONS

Brand	Cooler Master
Model Number	MCA-U000C-KPCI30-300
PCIe Version	3.0 x16
Cable Length	300mm
Connector Type	PCIe x16 Male-to-Male
Cable Material	Ultra-Flexible TPE
Shielding	EMI Shielded

PCB Compliance	IPC4101D
Product Dimensions	6.3 x 9.45 x 1.57 inches (approximate, for packaging)
Item Weight	3.88 ounces (110 Grams)

9. WARRANTY AND SUPPORT

Cooler Master products come with a limited warranty. For detailed warranty information, please refer to the official Cooler Master website or the warranty card included with your product. For technical support, troubleshooting assistance, or to inquire about warranty claims, please visit the Cooler Master support portal:

<https://www.coolermaster.com/support/>

When contacting support, please have your product model number (MCA-U000C-KPCI30-300) and proof of purchase ready.

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Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question