

## nkomax XKZJ-HEI

# nkomax Graphics Card GPU Brace Support

MODEL: XKZJ-HEI

*Instruction Manual*

## 1. Introduction

The nkomax Graphics Card GPU Brace Support is designed to prevent sagging in graphics cards, which can occur due to their increasing size and weight. This support helps maintain the structural integrity of your graphics card and motherboard, reducing stress on the PCIe slot and ensuring long-term stability for your computer's internal components.



Image 1: nkomax Graphics Card GPU Brace Support. This image displays the complete GPU brace support, featuring a black aluminum construction with a square base and an adjustable vertical arm designed to hold a graphics card level.

## 2. Package Contents

---

- 1x Hand twisting long pillar
- 1x Adjustable support module
- 1x Non-slip base

## *Package list*



Image 2: Package Contents. This image shows the individual components included in the package: a long threaded pillar, an adjustable support module with a knob, and a square base.

### 3. Product Features

- **All-Aluminum Metal Material:** Constructed from aerospace-grade aluminum, ensuring strong, long-lasting support and preventing material aging.
- **Sliding Adjustment Design:** The support module can be easily adjusted to accommodate various chassis configurations, including traditional, MATX, and ITX setups, as well as long power supply bays.
- **Bottom Hidden Magnet Design:** A magnet integrated into the base provides enhanced stability and simplifies installation within the chassis.
- **Detail Process Workmanship:** Manufactured using polished anode, sandblasted anode, and CNC high-speed edge-washing high-gloss processes for durability and a refined finish.
- **Tool-Free Screw-On Support Module:** The support module features a cushioning anti-scratch pad and a knurled screw for easy, tool-free height adjustment and secure locking.

## 4. Specifications

Attribute	Detail
Brand	nkomax
Model Number	XKZJ-HEI
Material	Aluminum, Metal
Color	Black
Item Weight	1.8 ounces
Package Dimensions	8.54 x 3.15 x 0.47 inches
Mounting Type	Rack Mount (Freestanding)

## 5. Installation Guide

Follow these steps to properly install and adjust your nkomax GPU Brace Support:

- 1. Prepare the Brace:** Assemble the long pillar, adjustable support module, and non-slip base. The support module slides onto the pillar, and the pillar screws into the base.
- 2. Position the Base:** Place the non-slip base on the bottom of your computer chassis, directly beneath the outer edge of your graphics card. The hidden magnet in the base will help secure it in position.
- 3. Adjust Height:** Loosen the knurled screw on the adjustable support module. Slide the module up the pillar until it makes contact with the underside of your graphics card. Ensure the cushioning anti-scratch pad is directly supporting the GPU.
- 4. Secure the Module:** Once the desired height is achieved and the graphics card is level, tighten the knurled screw on the support module to lock it firmly in place.
- 5. Verify Stability:** Gently check the graphics card for any remaining sag. The brace should provide firm, stable support.



Image 3: Installation Example. This image shows the GPU brace support installed inside a computer case, positioned to support the graphics card and prevent sagging.



*The bottom and support modules are equipped with anti-slip mats to better protect your graphics card.*

Image 4: Anti-Slip Pads. A close-up view highlighting the anti-slip rubber pads on both the base and the support module, designed to protect the graphics card and chassis from scratches.

## Bottom Hidden Magnet Design

The magnet hidden in the base is designed for easy installation and more stable standing in the chassis.



Image 5: Hidden Magnet Design. This image focuses on the base of the GPU brace, showing the hidden magnet that provides stability and ease of positioning within the computer case.

## Tool-free screw-on screw fixing support module



Image 6: Tool-Free Adjustment. A detailed view of the knurled screw on the support module, illustrating its tool-free design for easy height adjustment and secure locking.

### Installation Video

Your browser does not support the video tag.

Video 1: Uyubao GPU Support Bracket Installation. This video demonstrates the step-by-step process of installing and adjusting a similar GPU support bracket within a computer chassis, highlighting its ease of use and stability features.

## 6. Operation

The nkomax GPU Brace Support is designed for simple, set-and-forget operation. Once installed and adjusted to the correct height, it continuously supports your graphics card. No further interaction is typically required unless you modify your PC's internal layout or replace your graphics card.

- **Height Adjustment:** To adjust the height, simply loosen the knurled screw on the support module, slide it up or down the pillar to the desired position, and then re-tighten the screw.
- **Repositioning:** The magnetic base allows for easy repositioning within the chassis if needed.

Ensure the base is on a metallic surface for optimal magnetic adhesion.

## 7. Care and Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the aluminum surfaces. Avoid abrasive cleaners or solvents that could damage the anodized finish.
- **Inspection:** Periodically check the brace for any signs of wear or loosening, especially after moving your computer. Ensure the support module remains securely tightened.
- **Dust Accumulation:** While the brace itself is not prone to dust issues, ensure that dust does not accumulate excessively around the graphics card fans or heatsinks, as this can affect performance.

## 8. Troubleshooting

- **Brace is not stable:**
  - Ensure the knurled screw on the support module is fully tightened.
  - Verify that the base is placed on a flat, metallic surface within the chassis for the magnet to function effectively.
  - Confirm the support module is making firm contact with the graphics card.
- **Graphics card still sags:**
  - Re-adjust the height of the support module to ensure it provides adequate lift to the graphics card.
  - Ensure the brace is positioned as close as possible to the end of the graphics card that is sagging the most.
- **Difficulty adjusting height:**
  - Ensure the knurled screw is sufficiently loosened before attempting to slide the support module.
  - Check for any debris or obstructions on the pillar that might impede smooth movement.

## 9. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact nkomax customer service directly. Keep your purchase receipt as proof of purchase.

