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 - › Pomya PCIe 3.0 X1 Riser Extension Cable (30cm) User Manual

Pomya Pomya2igrkyh4cp-12

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Model: Pomya2igrkyh4cp-12

1. PRODUCT OVERVIEW

The Pomya PCIe 3.0 X1 Riser Extension Cable is designed to extend the reach of your PCI Express X1 slot. This 30cm flexible cable allows for repositioning of PCIe X1 devices, providing greater flexibility in system builds, especially in 1U and 2U server chassis or compact desktop environments. It supports high-speed data transfer for various expansion cards, ensuring stable and reliable performance.



Image 1.1: Full view of the Pomya PCIe 3.0 X1 Riser Extension Cable.

2. FEATURES

- **High-Speed Data Transfer:** Supports PCIe 3.0 X1 speeds, ensuring rapid data transfer for connected devices.
- **Flexible Design:** The TPE sleeve and flexible construction allow for easy routing and positioning within a computer chassis.
- **Premium Materials:** Features a tin-plated pure copper core for optimal signal integrity and a TPE plastic sleeve with PE insulation for electromagnetic interference shielding.
- **Enhanced System Flexibility:** Enables the relocation of PCIe X1 slots, making it possible to install expansion cards in non-standard configurations or tight spaces.
- **Broad Compatibility:** Compatible with a variety of PCIe X1 devices, including high-end sound cards, professional capture cards, network cards, data cards, and graphics cards (operating at X1 speeds).
- **Plug and Play:** Requires no complex software or BIOS configuration for installation.

3. SETUP INSTRUCTIONS

Follow these steps to properly install your PCIe 3.0 X1 Riser Extension Cable:

1. **Identify PCIe X1 Slot:** Locate an available PCIe X1 slot on your motherboard. Ensure your computer is powered off and unplugged before proceeding.
2. **Connect Male End:** Carefully insert the male end of the Pomya PCIe 3.0 X1 Riser Extension Cable into the motherboard's PCIe X1 slot. Ensure it is fully seated and secured.



Image 3.1: Close-up view of the male PCIe X1 connector.

3. **Connect Device:** Insert your PCIe X1 expansion card (e.g., sound card, network card) into the female slot of the riser cable. Ensure the card is securely seated.



Image 3.2: Close-up view of the female PCIe X1 connector.

4. **Secure Components:** If applicable, use screws or other mounting hardware to secure the expansion card and the riser cable's female end within your chassis to prevent movement and ensure stable connection.
5. **Power On:** Power on your computer. The system should automatically detect the connected device.

4. OPERATING INSTRUCTIONS

The Pomya PCIe 3.0 X1 Riser Extension Cable operates as a passive extension of your motherboard's PCIe X1 slot. Once connected, the functionality of your expansion card will be identical to direct motherboard connection, assuming proper installation. No additional software or drivers are required for the cable itself. Ensure your operating system has the necessary drivers for the specific expansion card you are using.

5. MAINTENANCE

To ensure the longevity and optimal performance of your riser cable, follow these maintenance guidelines:

- **Keep Clean:** Regularly inspect the cable and connectors for dust or debris. Use compressed air or a soft, dry cloth to clean if necessary. Avoid using liquid cleaners directly on connectors.
- **Avoid Bending Sharply:** While flexible, avoid extreme or sharp bends in the cable to prevent internal damage to the conductors and shielding.
- **Handle with Care:** When installing or removing, always handle the connectors directly. Avoid pulling on the cable itself, as this can strain the connections.
- **Storage:** If storing the cable, coil it loosely and keep it in a dry, dust-free environment away from extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Pomya PCIe 3.0 X1 Riser Extension Cable, refer to the following common problems and solutions:

- **Device Not Detected:**
 - Ensure both ends of the riser cable are fully seated in their respective slots (motherboard and expansion card).
 - Verify that the expansion card itself is functioning correctly by testing it directly in a motherboard slot if possible.
 - Check your motherboard's BIOS/UEFI settings to ensure the PCIe slot is enabled and configured correctly.
- **Slow Performance:**
 - Confirm that the expansion card is designed for PCIe X1 speeds. While the riser cable can physically accommodate X4/X8/X16 adapters, it will only operate at X1 speeds.
 - Ensure the cable is not excessively bent or damaged, which could affect signal integrity.
- **Intermittent Connection:**
 - Reseat both connectors firmly.
 - Check for any physical damage to the cable or connectors.
 - Ensure the expansion card is securely mounted and not subject to vibration within the chassis.

7. SPECIFICATIONS

Item	Detail
Brand	Pomya
Model Number	Pomya2igrkyh4cp-12
Interface	PCIE X1 Gen3.0
Transfer Rate	8Gbps
Cable Length	30cm
Material	TPE + PE (Sleeve), Tin-plated Pure Copper (Core)
Application	High-end Sound Card, Professional Capture Card, Network Card, Data Card, Graphics Card (X1 speed), Adapter Card

Item Weight	25 Grams
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8. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Pomya PCIe 3.0 X1 Riser Extension Cable, please refer to the official Pomya website or contact your retailer directly. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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