

ASHATA TH3P4G3

ASHATA TH3P4G3 Graphics Docking Station User Manual

Model: TH3P4G3

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the ASHATA TH3P4G3 Graphics Docking Station. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

PRODUCT OVERVIEW

The ASHATA TH3P4G3 is an external graphics card docking station designed to enhance the graphics capabilities of Thunderbolt 3/4 compatible laptops and PCs. It supports various power supplies including ATX and SFX, and offers 60W Power Delivery (PD) charging.

Key Features:

- **Easy Installation:** Equipped with SFX and ATX brackets for straightforward setup.
- **GPU Dock Compatibility:** Connect external graphics cards to improve gaming or professional application performance.
- **Versatile Power Support:** Compatible with ATX, SFX, and FLEX power supplies.
- **Power Delivery (PD) Charging:** Provides up to 60W PD charging for connected laptops.
- **Daisy Chain Support:** The Thunderbolt port supports daisy chain functionality.
- **High Data Transfer:** Enables 32Gbps data transfer with PCIE3.0X4.
- **Advanced Chipset:** Utilizes the JHL7440 device chip for enhanced performance over previous generations.



GRAPHICS DOCK

Enables 32Gbps data transfer with PCIE 3.0X4

GPU dock compatible

External graphics cards can be connected using a docking station to improve game performance

Supports ATX, SFX for FLEX and other power supplies

Support PD charging (up to 60W)

Equipped with SFX and ATX brackets for easy installation of graphics cards, power supplies and docking



Image: The ASHATA TH3P4G3 Graphics Docking Station connected to a laptop, illustrating its use in a professional setting.

PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- TH3P4G3 Graphics Docking Station Unit
- SFX Bracket
- ATX Bracket
- Thunderbolt Cable
- Screwdriver
- Mounting Screws and Silicone Pads

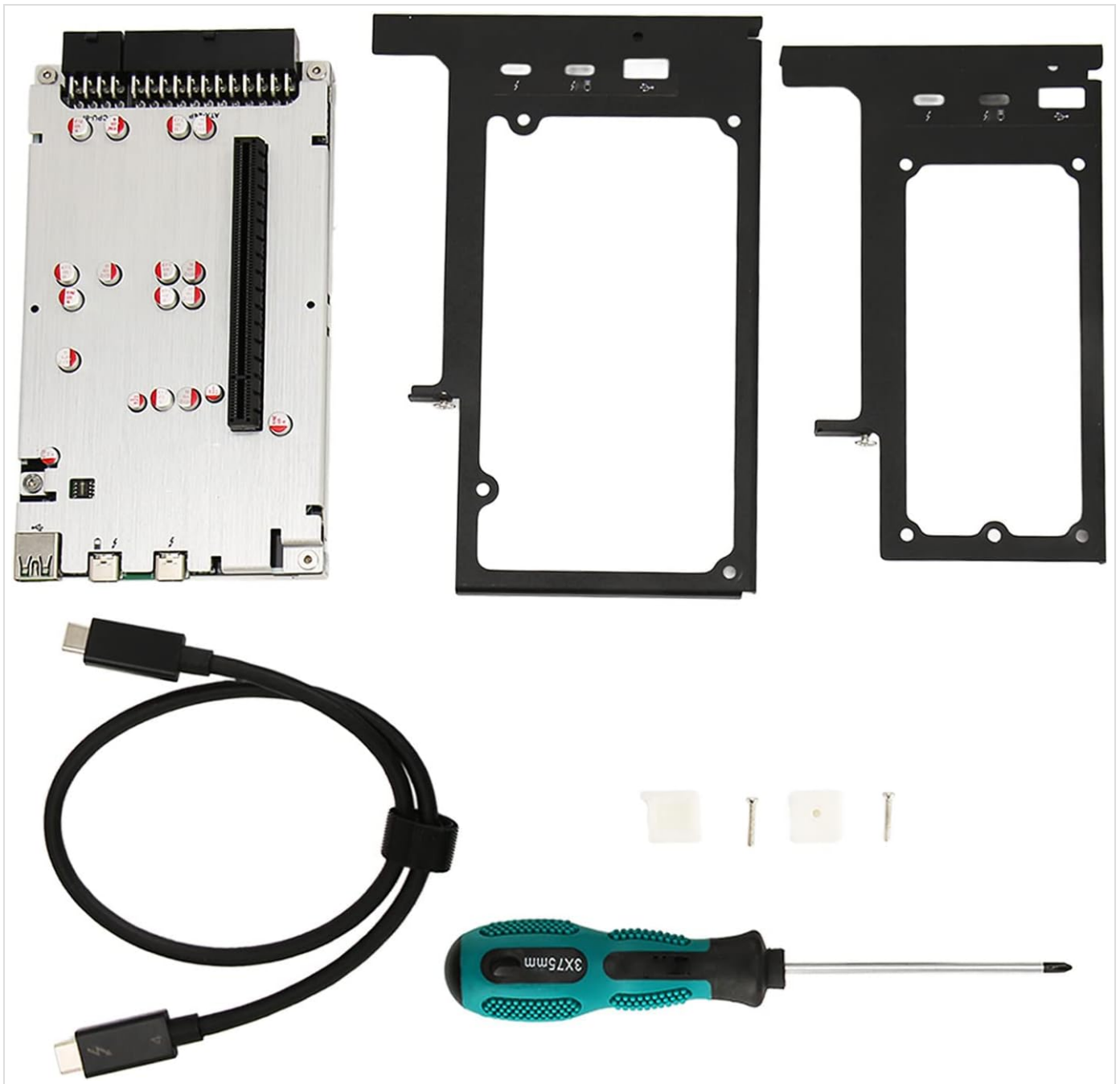


Image: All components included in the TH3P4G3 package, showing the main unit, various brackets, connection cable, and installation tools.

SETUP INSTRUCTIONS

1. Preparing the Docking Station

1. **Choose a Power Supply:** The TH3P4G3 supports ATX, SFX, and FLEX power supplies. Select a power supply appropriate for your external graphics card.
2. **Install the Graphics Card:**
 - Carefully insert your external graphics card into the PCIE X16 interface on the docking station.
 - Secure the graphics card using the provided screws and the appropriate ATX or SFX bracket.

External Video Card Bracket

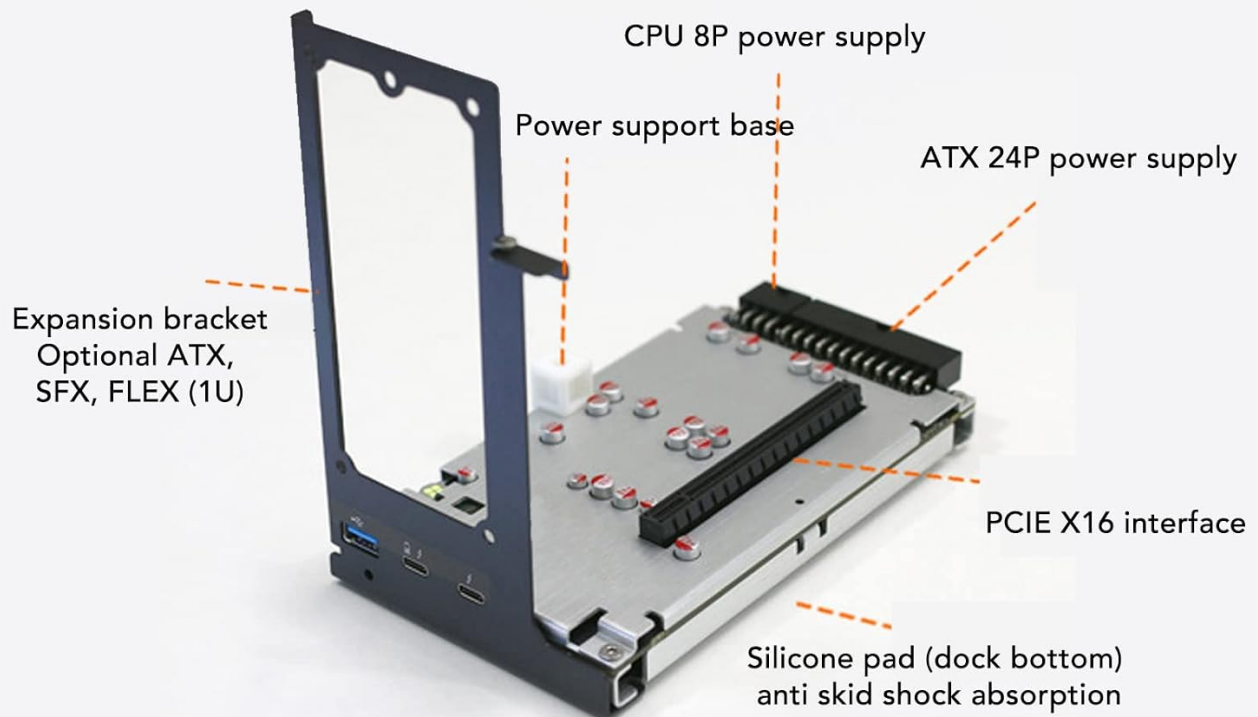


Image: Detailed diagram of the TH3P4G3 unit, highlighting the PCIE X16 interface for graphics card installation, CPU 8P power supply, ATX 24P power supply, and expansion bracket options.

3. Connect Power:

- Connect the 24-pin ATX power supply cable to the ATX 24P power supply port on the docking station.
- If your graphics card requires additional power, connect the 8-pin CPU power supply cable to the CPU 8P power supply port.
- Ensure all power connections are secure.

2. Connecting to Your Laptop/PC

4. **Connect Thunderbolt Cable:** Use the provided Thunderbolt cable to connect the TH3P4G3 docking station to a Thunderbolt 3 or Thunderbolt 4 port on your laptop or PC.

5. Power On:

- First, power on the external power supply connected to the docking station.
- Then, power on your laptop or PC.

6. **Driver Installation:** Your operating system should automatically detect the new hardware. If not, you may need to install the latest drivers for your external graphics card from the manufacturer's website.

OPERATING INSTRUCTIONS

Using the External Graphics Card

Once the docking station and graphics card are successfully installed and recognized by your system, your operating system should allow you to select the external GPU for graphics-intensive tasks. This is typically managed through your graphics card's control panel (e.g., NVIDIA Control Panel, AMD Radeon Software) or your operating system's display settings.

- **Display Output:** Connect your monitor(s) directly to the output ports of the external graphics card installed in the TH3P4G3.
- **Power Delivery:** The docking station provides up to 60W PD charging to your connected laptop via the Thunderbolt cable. Ensure your laptop supports PD charging for this feature to work.
- **Daisy Chain:** The Thunderbolt port on the TH3P4G3 supports daisy-chaining other Thunderbolt devices. Refer to your operating system and device documentation for proper daisy chain configuration.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure the docking station and the installed graphics card have adequate ventilation to prevent overheating. Do not block any vents.
- **Firmware Updates:** Periodically check the ASHATA website or the graphics card manufacturer's website for any firmware or driver updates for optimal performance and compatibility.
- **Cable Management:** Keep cables organized and free from kinks or excessive bending to prevent damage.

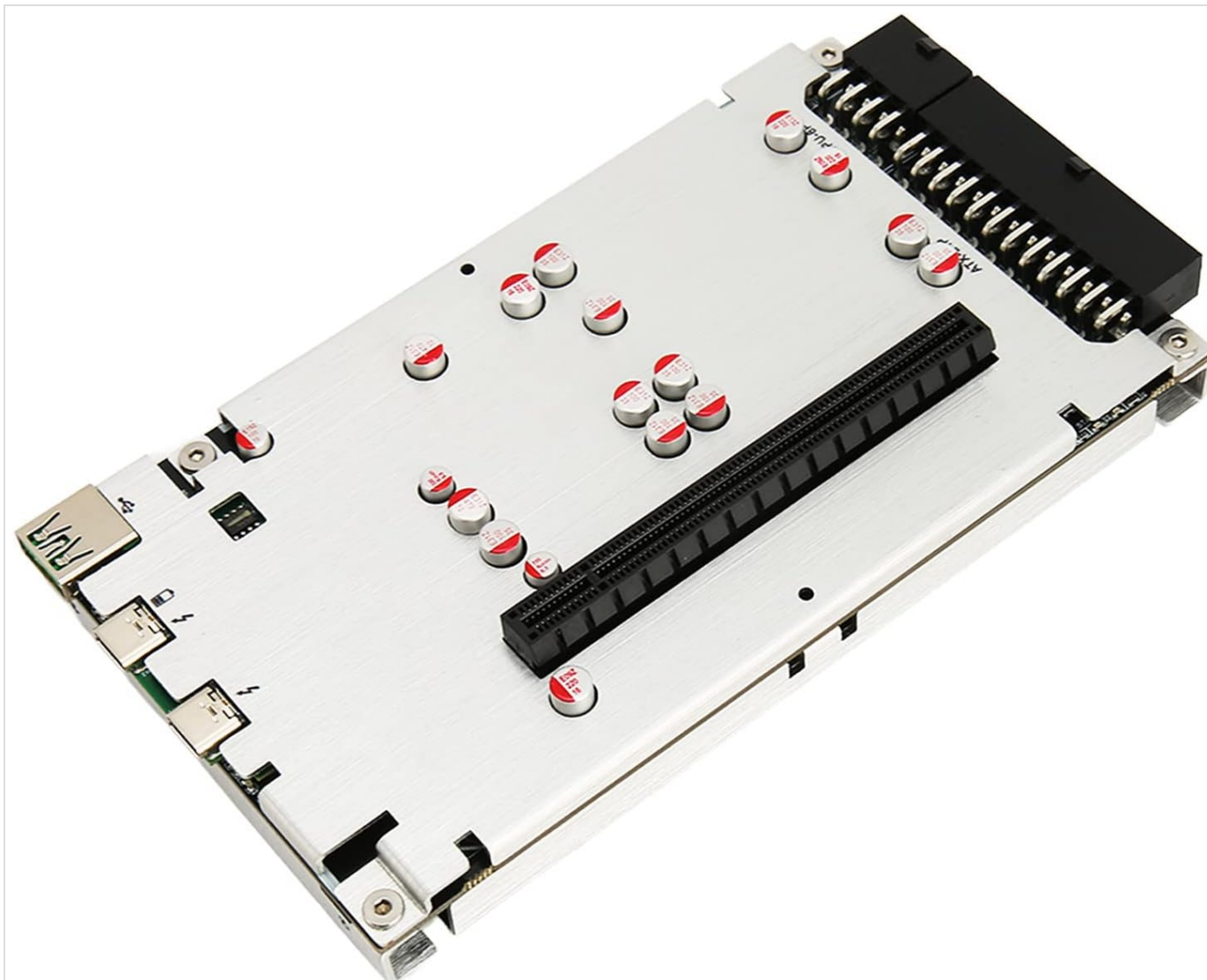
TROUBLESHOOTING

Problem	Possible Cause	Solution
Docking station not detected by laptop/PC.	◦ Loose Thunderbolt cable connection. ◦ Incorrect Thunderbolt port used. ◦ Missing or outdated Thunderbolt drivers. ◦ External power supply not turned on or faulty.	◦ Ensure the Thunderbolt cable is securely connected to both the docking station and your laptop/PC. ◦ Verify your laptop/PC has a Thunderbolt 3 or 4 port. ◦ Update your laptop's Thunderbolt drivers. ◦ Check that the external power supply is connected and powered on.

Problem	Possible Cause	Solution
External graphics card not recognized.	◦ Graphics card not properly seated. ◦ Insufficient power to the graphics card. ◦ Missing or outdated graphics card drivers.	◦ Reseat the graphics card in the PCIE X16 slot. ◦ Ensure all necessary power cables (24-pin ATX, 8-pin CPU) are connected from the external power supply to the docking station and graphics card. ◦ Install or update the graphics card drivers from the manufacturer's website.
No display output from external graphics card.	◦ Monitor not connected to the external graphics card. ◦ Incorrect display settings in OS.	◦ Connect your monitor directly to the display ports on the external graphics card. ◦ Check your operating system's display settings to ensure the external GPU is enabled and configured correctly.
Laptop not charging via PD.	◦ Laptop does not support Thunderbolt PD charging. ◦ Insufficient power from the external power supply.	◦ Verify your laptop's specifications for Thunderbolt PD charging compatibility. ◦ Ensure the external power supply provides sufficient wattage for both the graphics card and 60W PD charging.

SPECIFICATIONS

Feature	Detail
Model Number	ASHATA9wf4exmr3i (TH3P4G3)
Hardware Interface	Thunderbolt, USB 3.0
Compatible Devices	Laptop (with Thunderbolt 3/4 port)
Total USB Ports	2
Total HDMI Ports	1 (via installed GPU)
Power Delivery (PD)	Up to 60W
Supported Power Supplies	ATX, SFX, FLEX
Data Transfer Rate	32Gbps (PCIE3.0X4)
Product Dimensions	6.5 x 3.6 x 0.04 inches (166 x 91 x 28 mm)
Item Weight	1.16 pounds (0.53 Kilograms)



Product Size: Approx. 166 x 91 x 28mm / 6.5 x 3.6 x 1.1in

Image: The TH3P4G3 docking station, illustrating its compact dimensions of approximately 166 x 91 x 28 mm.

WARRANTY INFORMATION

ASHATA products are designed and manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ASHATA website. Keep your purchase receipt as proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your ASHATA TH3P4G3 Graphics Docking Station, please contact ASHATA customer support through their official website or the contact information provided in your product packaging. Please have your model number (TH3P4G3) and purchase details ready when contacting support.

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