## GeeekPi 10.1 Inch Screen

# GeeekPi 10.1 Inch LCD Screen for Raspberry Pi - Instruction Manual

Model: 10.1 Inch Non-Touch Portable Monitor

## 1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your GeeekPi 10.1 Inch LCD Screen. This 1024x600 IPS display is designed for wide compatibility, including various Raspberry Pi models (Pi 5/Pi 4B/3B+/3B/B+/Zero/400), Jetson Nano, Banana Pi M5/M2 Zero, and Windows operating systems (Win11/10/8/7). It functions as a portable monitor with a smooth 60Hz refresh rate and offers multiple language support for its On-Screen Display (OSD) menu.

## 2. Package Contents

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

- 1x 10.1 inch LCD Screen (Non-Touch)
- 1x USB to USB-C Cable (for power)
- 1x Full-Size HDMI Cable
- 1x HDMI to Micro HDMI Adapter
- 2x Stands
- Mounting Screws
- Rubber Feet


Image: All components included in the GeeekPi 10.1 inch LCD Screen package.

## 3. Setup Instructions

### 3.1 Physical Assembly

1. Attach the two provided stands to the designated mounting points on the back of the LCD screen using the included screws. Ensure they are securely fastened to provide stable support.
2. Apply the rubber feet to the bottom of the stands to prevent slipping and protect surfaces.


Image: Rear view of the display with stands attached, highlighting connection ports.

### 3.2 Connecting to a Raspberry Pi

To connect the display to a Raspberry Pi:

1. Connect one end of the full-size HDMI cable to the HDMI-IN port on the display.
2. If your Raspberry Pi uses a Micro HDMI port (e.g., Raspberry Pi 4/5), attach the HDMI to Micro HDMI adapter to the other end of the full-size HDMI cable, then plug it into your Raspberry Pi's Micro HDMI port. If your Raspberry Pi uses a standard HDMI port, connect the HDMI cable directly.
3. Connect the USB to USB-C cable to the Power-In (USB-C) port on the display. Connect the other end of the USB cable to a suitable power source (e.g., a USB port on the Raspberry Pi or a dedicated USB power adapter).
4. Power on your Raspberry Pi. The display should automatically detect the signal and show the Raspberry Pi's desktop.


Image: Connection examples for various single-board computers.

### 3.3 Connecting to a Windows PC/Laptop

To use the display as a secondary monitor for your PC or laptop:

1. Connect one end of the full-size HDMI cable to the HDMI-IN port on the display.
2. Connect the other end of the full-size HDMI cable to an available HDMI port on your PC or laptop.
3. Connect the USB to USB-C cable to the Power-In (USB-C) port on the display. Connect the other end of the USB cable to a USB port on your PC/laptop or a dedicated USB power adapter.
4. The display should be automatically detected by your operating system. You may need to adjust display settings (e.g., extend, duplicate) in your PC's display settings.


Image: The monitor used with a laptop in various display modes.

### 3.4 Setup Video Guide

Video: A detailed guide on assembling the monitor and installing a Raspberry Pi. This video demonstrates the physical setup and initial connection process.

## 4. Operating Instructions

### 4.1 On-Screen Display (OSD) Controls

The display features a built-in rotary switch for navigating and adjusting settings through the On-Screen Display (OSD) menu. This allows for easy control over various display parameters.

- **Brightness:** Adjust the screen's overall luminance.
- **Contrast:** Modify the difference between the brightest and darkest areas of the image.
- **Hue/Saturation:** Fine-tune color balance and intensity.
- **Rotation:** Change the display orientation (e.g., landscape, portrait).
- **Volume:** Control the audio output level.

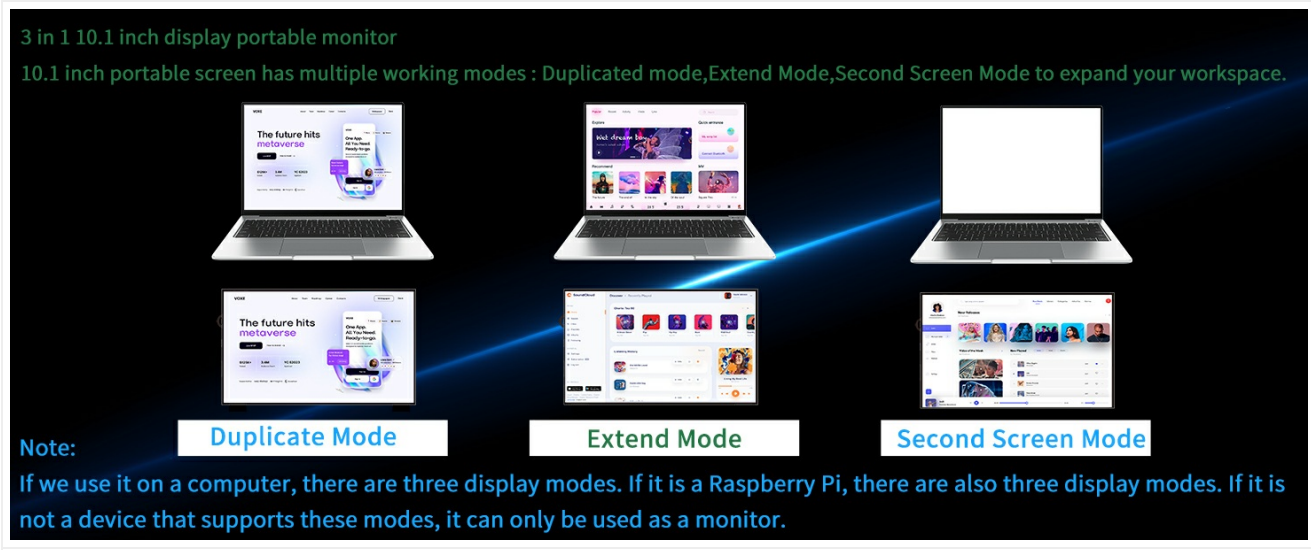


Image: Using the OSD control to adjust display settings.

### 4.2 Multi-Language Support

The OSD menu supports multiple languages, allowing users to select their preferred language for navigation and settings adjustment. Supported languages include English, Chinese, French, Italian, Dutch, Japanese, Korean, and Russian.


Image: Display showing multi-language support in the OSD menu.

### 4.3 Multi-Purpose Usage

This portable monitor can be used in various configurations:

- **Duplicate Mode:** Mirrors the content of your primary display.
- **Extend Mode:** Expands your desktop workspace across both displays.
- **Second Screen Mode:** Uses only the portable monitor as the primary display.

These modes are typically configured through your operating system's display settings. If the connected device does not support these modes, the display will function as a standard monitor.


Image: Examples of Duplicate, Extend, and Second Screen modes.

## 5. Maintenance

To ensure the longevity and optimal performance of your GeeekPi 10.1 Inch LCD Screen, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution to clean the display surface. Avoid harsh chemicals, abrasive materials, or direct spraying onto the screen.
- **Handling:** Handle the display with care. Avoid applying excessive pressure to the screen or dropping the device.
- **Storage:** When not in use for extended periods, store the display in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the display to prevent overheating. Do not block any ventilation openings.

## 6. Troubleshooting

If you encounter issues with your GeeekPi 10.1 Inch LCD Screen, refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| No image on screen | No power; Incorrect video input; Loose cable connection | Ensure power cable is connected and power source is active. Verify HDMI cable is securely connected to both the display and the source device. Check the OSD menu for correct input selection. |
| Image is distorted or flickering | Faulty cable; Resolution mismatch | Try a different HDMI cable. Ensure the output resolution from your source device is set to 1024x600 or a compatible resolution. |
| No sound | Volume too low; Audio output not selected | Adjust volume using the OSD controls or the source device. Ensure the audio output on your source device is directed to the HDMI port. |
| Display not recognized by PC/Raspberry Pi | Driver issue (rare for free-driver); Cable issue | Restart the source device. Ensure all cables are firmly connected. For Raspberry Pi, verify `config.txt` settings if custom configurations are required for specific models. |

## 7. Specifications

| Feature | Specification |
| --- | --- |
| Product Dimensions | 0.31 x 9.25 x 5.59 inches |
| Item Weight | 2.11 pounds |
| Item Model Number | 10.1 Inch Screen |
| Standing Screen Display Size | 10.1 Inches |
| Aspect Ratio | 1.71:1 |
| Resolution | 1024 x 600 Pixels |
| Image Brightness | Moderately High (500cd/m²) |
| Screen Surface Description | Glossy |
| Refresh Rate | 60Hz |
| Panel Type | IPS |

## 8. Warranty and Support

For warranty information, technical support, or further assistance, please visit the official GeeekPi store or contact their customer service directly. Details can typically be found on the product packaging or the official GeeekPi website.
You can find more information and support resources at the GeeekPi Store on Amazon.