

7 Inch LCD Acrylic Screen Case Holder Bracket for Raspberry Pi – Durable & Stylish

The **7 Inch LCD Acrylic Screen Case Holder Bracket** is a **high-quality protective and mounting solution** designed specifically for **Raspberry Pi 7-inch touchscreens and LCD displays**. Combining **durability, stability, and a sleek acrylic design**, this case bracket provides a **secure platform for your Raspberry Pi projects**, making it perfect for **DIY electronics, embedded systems, and educational setups**.

This holder is ideal for **hobbyists, students, and professionals** who want a **clean, organized, and stable display setup**. It not only **protects the Raspberry Pi and screen from physical damage** but also **enhances project aesthetics** with its transparent acrylic panels.



Key Features

- **Compatible Display Size:** Designed for **7-inch Raspberry Pi LCDs**.
- **Durable Acrylic Material:** High-quality acrylic construction provides strength and long-lasting protection.
- **Secure Mounting:** Bracket holds both the **Raspberry Pi board and LCD screen** firmly in place.
- **Compact Design:** Space-saving form factor suitable for desktops, workbenches, or embedded projects.
- **Stylish Transparent Look:** Acrylic panels showcase the Raspberry Pi and internal components while protecting them.
- **Easy Assembly:** Simple installation with included screws and brackets.
- **Stable Viewing Angle:** Ensures your screen stays in place without wobbling during use.

Technical Specifications

- **Model:** 7 Inch LCD Acrylic Screen Case Holder Bracket
- **Material:** High-quality transparent acrylic
- **Compatible Boards:** Raspberry Pi 4, 3B+, 3B, 2B, and corresponding 7-inch LCD touchscreen displays
- **Dimensions:** Compatible with standard 7-inch LCD screen dimensions
- **Mounting Method:** Screws and brackets included for easy assembly
- **Weight:** Lightweight yet durable
- **Design:** Stackable or stand-alone option for desktop or embedded use

Acrylic Case



not include Screen

Advantages of the 7-Inch Acrylic Screen Bracket

1. **Protection:** Shields your Raspberry Pi and LCD from dust, scratches, and accidental knocks.
2. **Stability:** Prevents screen wobbling and ensures steady operation, especially for touch applications.
3. **Aesthetic Appeal:** Transparent design highlights your Raspberry Pi and enhances visual appeal.
4. **Versatility:** Works with various Raspberry Pi models and compatible 7-inch LCD screens.
5. **Ease of Use:** Quick assembly with included screws and brackets allows users to get started immediately.

Applications

The **7 Inch LCD Acrylic Screen Case Holder Bracket** is suitable for a wide range of projects and environments:

- **DIY Raspberry Pi Projects:** Build your own home automation systems, media centers, or smart displays.
- **Educational Kits:** Perfect for schools, universities, or maker workshops for Raspberry Pi learning projects.
- **Embedded Systems:** Use as a stable mounting solution in kiosks, digital signage, or control panels.
- **Portable Workstations:** Keep your Raspberry Pi touchscreen secure and portable for testing or demonstrations.
- **Prototyping & Electronics Labs:** Protect the display and Raspberry Pi board while experimenting with software and hardware setups.

How It Works

The acrylic screen bracket provides **secure slots and mounting points** for both the Raspberry Pi board and the 7-inch LCD screen. The **screen mounts on the top layer**, while the Raspberry Pi board fits underneath. **Screws and brackets ensure a snug fit**, preventing movement during operation.

The **transparent acrylic panels** allow for **easy observation of connections, GPIO pins, and wiring**, making it easier to troubleshoot, modify, or upgrade your projects.

Example Project

A common project using this bracket is a **Raspberry Pi touch-based media center**. The 7-inch LCD can serve as the interactive interface, while the Raspberry Pi runs **media software, sensors, or smart home dashboards**.

Another application is a **portable touchscreen display for IoT devices**, where the acrylic bracket ensures the **screen and board remain protected** during transport or testing.

It's also ideal for **robotics or control panels**, where the screen provides a **user interface for monitoring and controlling motors, sensors, or actuators**.

Why Choose This Acrylic Screen Bracket

The **7 Inch LCD Acrylic Screen Case Holder Bracket** offers a **perfect combination of protection, stability, and style** for Raspberry Pi enthusiasts. Its **durable construction, transparent design, and easy assembly** make it an essential accessory for anyone using **7-inch Raspberry Pi LCD displays**.

Whether for **home projects, educational purposes, or professional prototyping**, this bracket ensures **secure mounting, clear visibility, and stable operation**.

Conclusion

The **7 Inch LCD Acrylic Screen Case Holder Bracket for Raspberry Pi** is a **must-have accessory** for anyone working with **Raspberry Pi** touchscreens or **7-inch LCD displays**. With **durable acrylic construction, easy assembly, and a stylish transparent design**, it provides **protection, stability, and aesthetic appeal** for all Raspberry Pi projects.