

AGCUT Redmi Note 12 Pro 5G LCD Display

AGCUT INCELL LCD Display Replacement for Xiaomi Redmi Note 12 Pro 5G

Instruction Manual

1. PRODUCT OVERVIEW

This product is an INCELL LCD display and digitizer assembly replacement kit designed for the Xiaomi Redmi Note 12 Pro 5G. It is intended to replace defective or damaged screens, restoring full functionality and visual quality to your device. This replacement is compatible with models 22101316C, 22101316I, 23013RK75C, and 22101316G.

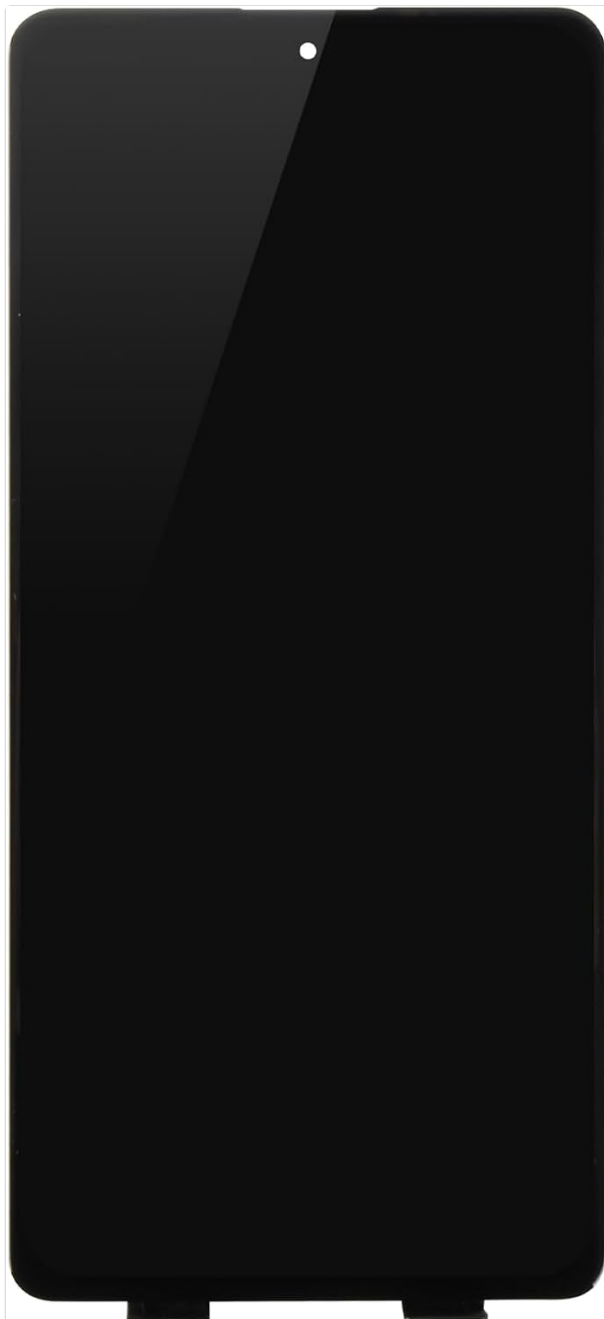


Image 1: Front view of the AGCUT INCELL LCD Display for Xiaomi Redmi Note 12 Pro 5G, highlighting its specifications including model compatibility, 1080x2400 pixel resolution, 6.67-inch size, 395 ppi pixel density, and black color.

2. PACKAGE CONTENTS

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

- 1x INCELL LCD Screen Touch Screen Digitizer Replacement Kit for Xiaomi Redmi Note 12 Pro 5G
- 1x Anti-falling Omnidirectional Tempered Film for Xiaomi Redmi Note 12 Pro 5G LCD Screen
- 1x Dust Removal Sticker
- 1x Adhesive Tape
- 1x Set of Special Removal Tools for Xiaomi Redmi Note 12 Pro 5G Screen (includes 3 screwdrivers, 1 plastic dredger, 2 blue open shell fragments, 1 card pin, 1 suction cup)



FOR XIAOMI REDMI NOTE 12 PRO

22101316C, 22101316I,
23013RK75C, 22101316G

Resolution : 1080*2400pixel

Size : 6.67 inches

Pixel density : 395 ppi

Color :

■ Black

Image 2: Visual representation of the packing list, showing the screen replacement, tempered glass, dust removal sticker, adhesive tape, and a set of disassembly tools.

3. SETUP AND PRE-INSTALLATION PRECAUTIONS

Careful preparation and testing are crucial before proceeding with the installation. Failure to follow these precautions may result in damage to the product or your device.

1. **Initial Inspection and Testing:** Before installation, thoroughly check the product for any physical damage. It is strongly recommended to test the screen functionality before full installation. Do not remove any protective films or labels during this testing phase.
2. **Static Electricity Awareness:** Be mindful of static electricity. Static discharge can damage electronic components. Consider using anti-static precautions if available.
3. **Fragile Component:** The screen replacement is made of glass and is very fragile. Handle it with extreme care to prevent breakage.
4. **Flex Cable Handling:** Do not bend the flex cable excessively. During installation and testing, ensure the LCD cable is not bent beyond 90 degrees, as this can lead to a black screen or display issues.



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Image 3: Illustrates the screen being 100% tested, showing the front display surface. This emphasizes the importance of pre-installation testing.



Image 4: Shows the reverse side of the screen, indicating 100% testing, with a clear view of the flex cable. This highlights the delicate nature of the cable.

4. INSTALLATION GUIDE

Replacing a phone screen requires precision and technical knowledge. Non-professional installation is not recommended. If you lack experience in repairing electronic equipment, it is advisable to seek assistance from a professional repair shop.

For detailed visual instructions, you can find relevant installation videos on platforms like YouTube. Search for "Xiaomi Redmi Note 12 Pro 5G screen replacement" to find guides specific to your device.

General Installation Steps (Refer to video guides for specifics):

1. **Power Off Device:** Ensure your Xiaomi Redmi Note 12 Pro 5G is completely powered off before beginning any disassembly.
2. **Remove Old Screen:** Carefully heat the edges of the old screen to loosen the adhesive. Use the provided tools (suction cup, plastic dredger, opening fragments) to gently pry open and remove the damaged screen. Disconnect the flex cables.

3. **Clean Frame:** Thoroughly clean any old adhesive residue from the phone frame.
4. **Connect New Screen:** Carefully connect the flex cables of the new screen to the corresponding connectors on the phone's motherboard. Ensure connections are secure and not bent.
5. **Test Functionality:** Before fully adhering the new screen, power on the device and test the display, touch response, and all other functions. Refer to the troubleshooting section if issues arise.
6. **Secure New Screen:** If testing is successful, power off the device. Apply new adhesive (provided tape) around the frame and carefully seat the new screen into place. Apply gentle, even pressure.
7. **Final Assembly:** Reassemble any other components and power on your device.

FOR XIAOMI REDMI NOTE 12 PRO 5G SCREEN REPLACEMENT



Image 5: Displays both the front and back of the screen replacement, showing the display surface and the intricate flex cable connections on the reverse side, which are critical during installation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your new screen, follow these maintenance guidelines:

- **Protective Film:** Utilize the provided tempered film to protect the screen from scratches and minor impacts.

- **Gentle Cleaning:** Clean the screen with a soft, lint-free cloth. For stubborn smudges, lightly dampen the cloth with water or a screen-specific cleaning solution. Avoid harsh chemicals.
- **Avoid Impact:** While the screen is durable, it is still glass. Avoid dropping your device or subjecting it to strong impacts.
- **Temperature Extremes:** Do not expose your device to extreme temperatures, as this can affect screen performance and adhesive integrity.

6. TROUBLESHOOTING

If you encounter issues after installation, refer to the following common problems and solutions:

- **Black Screen During Installation:** If your phone displays a black screen after connecting the new display, press and hold the power key and volume key simultaneously. If the phone vibrates, it indicates that the main flex cable may not be installed properly. Power off the device and reinstall the screen, ensuring all connections are secure.
- **Incorrect Screen Response or Touch Issues:** This can be caused by improper flex cable connection, a faulty digitizer, or static interference. Recheck all connections. If the issue persists, the screen may be defective.
- **Display Issues (Pixel Distortion, Lines, Wrong Colors):** These problems often point to a damaged flex cable, an improperly seated connector, or a defective LCD. Ensure the flex cable is not bent or damaged and is securely connected.
- **Frozen LCD:** If the screen is unresponsive or frozen, try a force restart of your device. If the problem continues, it may indicate a connection issue or a defective screen.

This screen replacement is designed to address issues such as incorrect screen response, display problems, pixel distortion, cracked LCD screens, wrong colors, or frozen LCDs.



Image 6: Illustrates various quality checks, confirming the absence of dead pixels, pixel lines, and ensuring a scratch-free touch screen with quick response. This helps in identifying potential screen defects.

7. SPECIFICATIONS

- **Product Type:** INCELL LCD Display Touch Screen Digitizer Assembly Replacement Kit
- **Compatibility:** Xiaomi Redmi Note 12 Pro 5G (Models: 22101316C, 22101316I, 23013RK75C, 22101316G)
- **Screen Size:** 6.67 inches
- **Resolution:** 1080x2400 pixels
- **Color:** Black No Frame
- **Manufacturer:** AGCUT
- **Quality:** High color saturation, high resolution, wide color gamut, smooth touch feel. Strictly QC tested before shipment to ensure no scratches, dead zones, dot pixels, or lines.

8. WARRANTY INFORMATION

Specific warranty details for this product are not provided in the available information. Please refer to the seller's

return policy or contact the seller directly for warranty inquiries. It is generally recommended to test the product thoroughly upon receipt and before full installation to ensure it meets quality standards.

9. SUPPORT

For further assistance or detailed installation guidance, please consider the following resources:

- **Online Video Tutorials:** Search for "Xiaomi Redmi Note 12 Pro 5G screen replacement" on YouTube for numerous video guides.
- **Professional Repair Services:** If you are not confident in performing the replacement yourself, take your device and the replacement screen to a professional phone repair shop.
- **Seller Contact:** For product-specific questions or issues, contact the seller directly through the platform where the purchase was made.

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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