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› LCDOLED 14.0-inch FullHD IPS LED LCD Display Screen Panel Replacement Manual

LCDOLED CMN1F2, CMN14F3, N140HCG-GQ2, N140HCG-GR2, 01YN149

LCDOLED 14.0-inch FullHD IPS LED LCD Display Screen Panel Replacement Manual

Models: CMN1F2, CMN14F3, N140HCG-GQ2, N140HCG-GR2, 01YN149

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your LCDOLED 14.0-inch FullHD IPS LED LCD Display Screen Panel. This product is a replacement component designed for specific laptop models. Due to the delicate nature of display panels and the complexity of laptop disassembly, **professional installation is strongly recommended**

Safety Warning: Always disconnect power from your device and remove the battery before attempting any installation or repair. Failure to do so may result in electric shock or damage to your device.

2. PRODUCT OVERVIEW

The LCDOLED replacement screen panel is a 14.0-inch FullHD (1920x1080) IPS LED LCD display, featuring a 30-pin EDP connector. It is designed to replace damaged or non-functional screens in compatible laptop models.



Figure 1: Front view of the LCDOLED 14.0-inch FullHD IPS LED LCD Display Screen Panel. The screen is rectangular with a thin black bezel, and mounting holes are visible in the corners.



Figure 2: A close-up view of the bottom center of the LCDOLED screen panel, highlighting the EDP 30-pin connector. A small gold 'LCDOLED' sticker is visible to the right of the connector.

3. SETUP AND INSTALLATION

This product includes the LCD screen panel ONLY. It does not come with an extra LCD cable, touch screen,

bezel, back cover, or installation tools. You must retain and reuse your original parts.

3.1 Pre-Installation Checklist

- Verify your laptop's model number and original screen resolution match the specifications of this replacement panel.
- Ensure the LCD connector type (EDP 30-pins) is compatible with your device.
- Gather all necessary tools for laptop disassembly (e.g., small screwdrivers, plastic prying tools).
- Prepare a clean, static-free workspace.

3.2 Installation Procedure (Professional Installation Recommended)

1. **Power Off:** Completely power down your laptop and disconnect the AC adapter. Remove the battery.
2. **Disassembly:** Carefully disassemble the laptop's display assembly to access the old screen panel. This typically involves removing the bezel, hinges, and sometimes the back cover.
3. **Disconnect Old Panel:** Gently disconnect the EDP cable from the old screen panel. Be careful not to damage the cable or its connector.
4. **Remove Old Panel:** Remove the old screen panel from its mounting brackets.
5. **Install New Panel:** Position the new LCDOLED screen panel into the mounting brackets.
6. **Connect New Panel:** Carefully connect the EDP cable to the new screen panel's 30-pin connector. Ensure it is seated firmly and correctly.
7. **Test:** Before reassembling the entire laptop, temporarily connect the battery and AC adapter to power on the device and test the new screen. Verify that the display functions correctly, shows a clear image, and has no defects.
8. **Reassembly:** If the test is successful, proceed to reassemble the laptop's display assembly and other components in reverse order of disassembly.

Note: Incorrect installation can lead to permanent damage to the screen or your laptop. If you are unsure, seek assistance from a qualified technician.

4. OPERATING

Once the LCDOLED display panel is successfully installed, its operation is integrated with your laptop's system. The display will function automatically upon powering on your device.

4.1 Initial Power-On and Verification

- After installation, power on your laptop.
- Observe the display for proper image rendering, brightness, and color accuracy.
- Check for any dead pixels, lines, or other visual anomalies.
- Ensure the display resolution is correctly detected by your operating system (1920x1080). If not, update your graphics drivers or adjust display settings in your operating system.

5. MAINTENANCE

Proper care and maintenance will extend the lifespan of your LCDOLED display panel.

5.1 Cleaning the Screen

- **Power Off:** Always turn off your laptop before cleaning the screen.
- **Soft Cloth:** Use a soft, lint-free microfiber cloth.

- **Gentle Wiping:** Gently wipe the screen surface to remove dust and smudges. Avoid applying excessive pressure.
- **Cleaning Solutions:** For stubborn marks, lightly dampen the cloth with distilled water or a specialized screen cleaning solution. **Never spray liquid directly onto the screen.** Avoid using harsh chemicals, alcohol, or ammonia-based cleaners, as these can damage the screen coating.

5.2 Handling and Protection

- Avoid touching the screen surface with sharp objects.
- When transporting your laptop, ensure the lid is closed and protected from impacts.
- Do not place heavy objects on the laptop lid, as this can cause pressure damage to the screen.

6. TROUBLESHOOTING

If you encounter issues after installing your LCDOLED display panel, refer to the following troubleshooting steps:

- **No Display / Black Screen:**
 - Ensure the EDP cable is securely connected to both the screen panel and the laptop's motherboard.
 - Verify that the laptop is receiving power and the battery is charged.
 - Try connecting an external monitor to confirm if the laptop's graphics output is functional.
- **Incorrect Resolution / Distorted Image:**
 - Check your operating system's display settings to ensure the resolution is set to 1920x1080.
 - Update your laptop's graphics drivers to the latest version.
 - If the image is distorted or flickering, re-seat the EDP connector.
- **Dead Pixels / Bright Spots:**
 - While rare, some panels may have minor pixel anomalies. If the issue is significant, contact customer support.
- **Physical Damage:**
 - If the screen was damaged during installation or handling, it may not be covered under return policies. Handle with extreme care.

If these steps do not resolve your issue, please contact LCDOLED customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
LCD Model Compatibility	N140HCG-GQ2, N140HCG-GR2, 01YN149 (or compatible models)
Screen Size	14.0 inches
Resolution	1920x1080 (FullHD)
Panel Type	IPS
LCD Connector	EDP 30-pins

Backlight Type	LED LCD
Manufacturer	LCDOLED

8. CUSTOMER SUPPORT AND RETURNS

LCDOLED is committed to providing satisfactory solutions for its customers. Each item is tested thoroughly before shipping to ensure quality.

8.1 Contacting Support

If you encounter any problems or have questions regarding your product, please do not hesitate to contact us. All messages are typically answered within 24 hours. Please provide specific model details and pictures of your original screen if you are unsure about compatibility or need assistance with an issue.

8.2 Return Policy

This product is subject to a 30-day return policy for refund or replacement, as per the seller's terms. Please contact the seller directly for return authorization and instructions.