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## EU-SOURCING N156BGE-EA483

# User Manual

15.6" LED LCD Replacement Screen for HP Laptops

## PRODUCT OVERVIEW

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This manual provides essential information for the installation and maintenance of your new 15.6" LED LCD Replacement Screen. This screen is designed for HP laptops, specifically compatible with models like HP HQ-TRE 71025 and 15-AY082NA, featuring a HD 1366x768 glossy display with a 30-pin connector.

Our screens are brand new, tested, and safely packaged to ensure they arrive in perfect condition. We dispatch compatible brand screens with the exact same resolution and specifications as advertised.

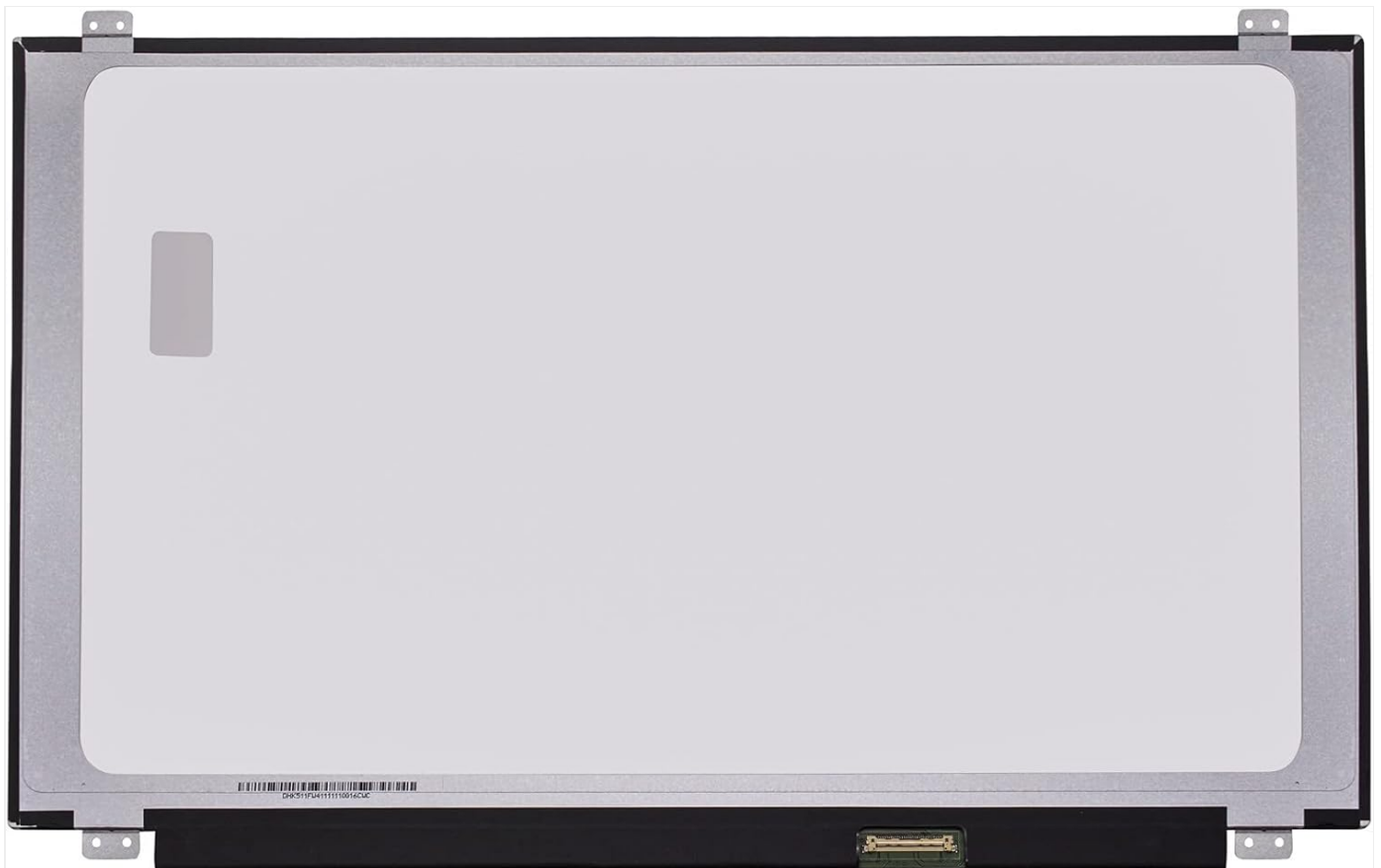


Figure 1: Front view of the 15.6 inch LED LCD replacement screen, showing the display area and the bottom edge with the connector.



Figure 2: Back view of the replacement screen, featuring the EU-SOURCING logo.

## IMPORTANT CONSIDERATIONS BEFORE PURCHASE/INSTALLATION

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- **Compatibility:** Similar laptop models can use different types of screens and fittings. Always verify the specifications of the screen and match them with your old screen before purchasing. If you are unsure, please contact us for confirmation.
- **Part Number:** If an exact screen part number is not available in stock, we will provide a 100% compatible part number.
- **Pixel Policy:** This screen adheres to ISO 13406-2 standards, which dictate an acceptable range of 2-5 dead pixels.
- **Geographical Service Limitations:** Please note that we do not offer service to the following locations: Balearic Islands (Mallorca, Menorca, Ibiza, Formentera), Canary Islands (Tenerife, Gran Canaria, Lanzarote, Fuerteventura, La Palma), Ceuta, Melilla, Santa Cruz (Tenerife), French Polynesia, New Caledonia, Reunion, Corsica, Martinique, Guadeloupe, Mayotte, and Saint Pierre and Miquelon. We recommend checking service availability in your region before making a purchase.

## SETUP AND INSTALLATION

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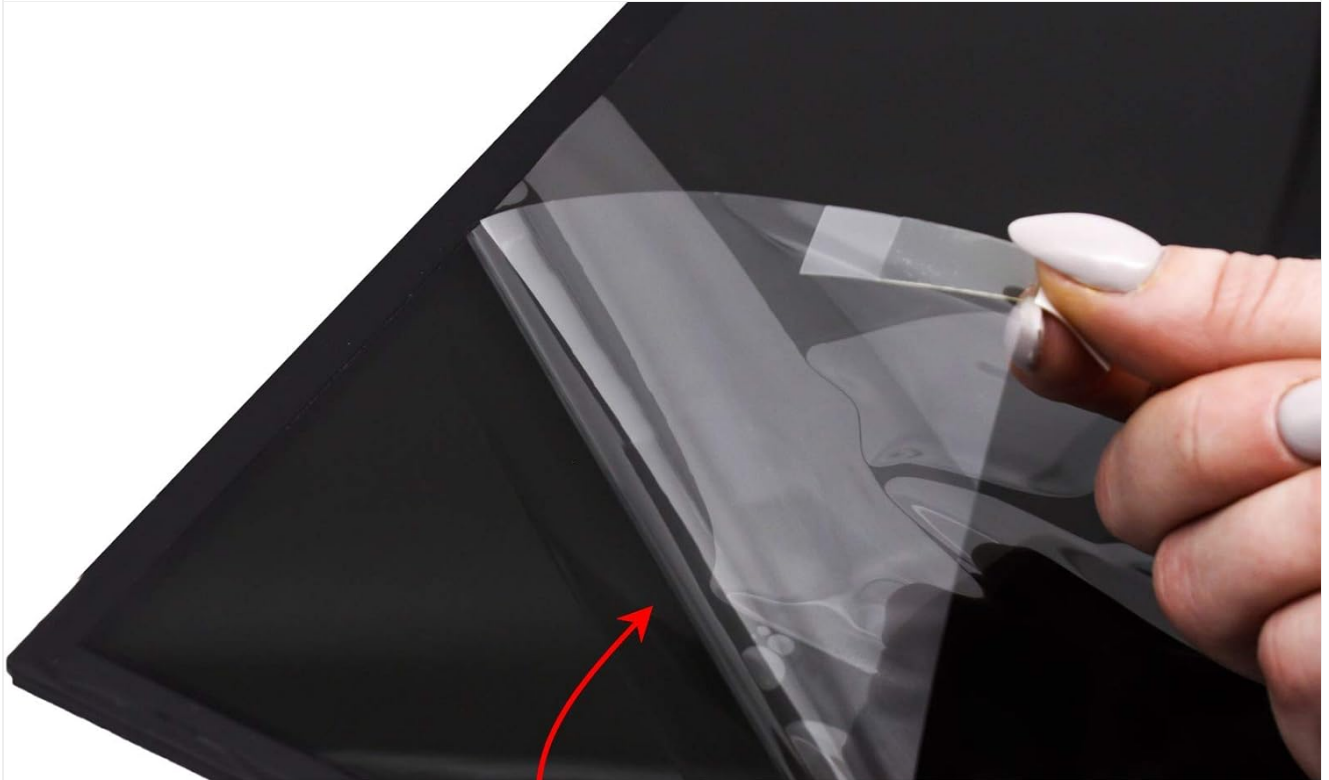
Installing a laptop screen requires careful handling and some technical knowledge. If you are not comfortable performing the installation yourself, it is highly recommended to seek professional assistance.

### Safety Precautions:

- Always disconnect the laptop from power and remove the battery before starting any installation.
- Use anti-static precautions (e.g., an anti-static wrist strap) to prevent damage from electrostatic discharge.
- Handle the screen by its edges; avoid touching the display surface or the circuit board.

## Installation Steps (General Guide):

1. **Prepare the Laptop:** Power off the laptop, disconnect the AC adapter, and remove the battery.
2. **Remove Bezel Screws:** Carefully remove any rubber screw covers on the laptop bezel and unscrew the underlying screws.
3. **Remove Bezel:** Gently pry off the plastic bezel surrounding the screen.
4. **Unscrew Old Screen:** Unscrew the mounting brackets holding the old screen in place.
5. **Disconnect Cables:** Lay the old screen face down on the keyboard. Carefully peel back the tape holding the video cable (30-pin connector) and disconnect it.
6. **Prepare New Screen:** Before connecting the new screen, ensure to peel off the protective film from the display surface.



Please peel off the protective film  
before installing the screen

*Figure 3: Illustration of peeling off the protective film from the screen before installation.*

7. **Connect New Screen:** Connect the 30-pin video connector to the new screen, ensuring it is firmly seated. Secure it with tape if necessary.



Figure 4: Close-up view of the 30-pin video connector located at the bottom right of the screen.

8. **Mount New Screen:** Position the new screen and screw it into the mounting brackets.
9. **Reattach Bezel:** Snap the plastic bezel back into place and reinsert the screws.
10. **Test:** Reinsert the battery and connect the AC adapter. Power on the laptop to test the new screen.

## OPERATING INSTRUCTIONS

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Once installed, the replacement screen operates identically to the original screen. No special drivers or software are typically required beyond your laptop's existing display drivers.

- **Brightness Adjustment:** Use your laptop's function keys (e.g., Fn + F5/F6) to adjust screen brightness.
- **Resolution Settings:** Ensure your operating system is set to the native resolution of 1368x768 for optimal display quality. This can usually be adjusted in your display settings.

## MAINTENANCE

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Proper maintenance will extend the lifespan of your screen.

- **Cleaning:** Use a soft, lint-free cloth specifically designed for electronics. For stubborn smudges, lightly dampen the cloth with distilled water or a screen-cleaning solution. Avoid harsh chemicals, abrasive materials, or spraying liquid directly onto the screen.
- **Handling:** Avoid applying pressure to the screen surface. When closing the laptop lid, ensure no objects are left on the keyboard that could press against the screen.
- **Temperature:** Operate and store the laptop within recommended temperature ranges to prevent damage to the LCD panel.

## TROUBLESHOOTING

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If you encounter issues after installation, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
No display / Black screen	Loose video cable connection; Incorrect screen type; Faulty screen (rare)	Ensure the 30-pin video connector is securely attached. Double-check that the screen specifications (size, resolution, connector type) match your original screen. If possible, test with another known working screen or contact support.
Flickering display	Loose video cable; Driver issue; Incompatible refresh rate	Check video cable connection. Update or reinstall display drivers from your laptop manufacturer's website. Ensure display settings are at native resolution and standard refresh rate.
Incorrect colors / Distorted image	Loose video cable; Driver issue; Graphics card issue	Verify video cable connection. Update or reinstall display drivers. Test with an external monitor to rule out graphics card issues.

If these steps do not resolve the issue, please refer to the Warranty & Support section.

## SPECIFICATIONS

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Feature	Specification
Screen Size	15.6 inches
Resolution	1366 x 768 PIXEL (WXGA)
Screen Finish	Glossy
Data Connector	30 Pin (bottom right)
Touch Panel	Not included
Type	LED Razor Slim
Aspect Ratio	1.78:1
Manufacturer Part Number	N156BGE-EA483

## WARRANTY & SUPPORT

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Your new screen comes with a **6-month warranty** from the date of purchase.

All items are dispatched from Poland and are carefully packaged in a secured box with Airshock Protected Screen Package to prevent damage during transit.



*Figure 5: Example of the secure packaging with airshock protection used for shipping the screen.*

For any questions, concerns, or warranty claims, please contact EU-SOURCING customer support. When contacting support, please have your purchase details and the screen's model number (N156BGE-EA483) ready. You can typically find contact information on your purchase receipt or the seller's page where you bought the product. We recommend sending an email for any doubts or inquiries.

