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› Eujgoov TL611 Pro Motherboard Diagnostic Card User Manual

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Model: TL611 Pro

1. INTRODUCTION

The Eujgoov TL611 Pro Motherboard Diagnostic Card is a versatile testing tool designed for diagnosing issues in both laptop and desktop computer systems. It functions as a motherboard diagnostic card and an EC debug adapter, supporting various interfaces including PCI E, mini PCI E, and LPC. This tool provides a high recognition rate for power modules and offers detailed diagnostic information through its multi-channel LED indicators, assisting in efficient troubleshooting and repair of computer hardware.

2. PACKAGE CONTENTS

Before proceeding with installation, please verify that all components are present in your package:

- 1 x TL611 Pro Diagnostic Card
- 1 x Connection Cable
- 1 x Adapter Card
- 2 x Flat Cables

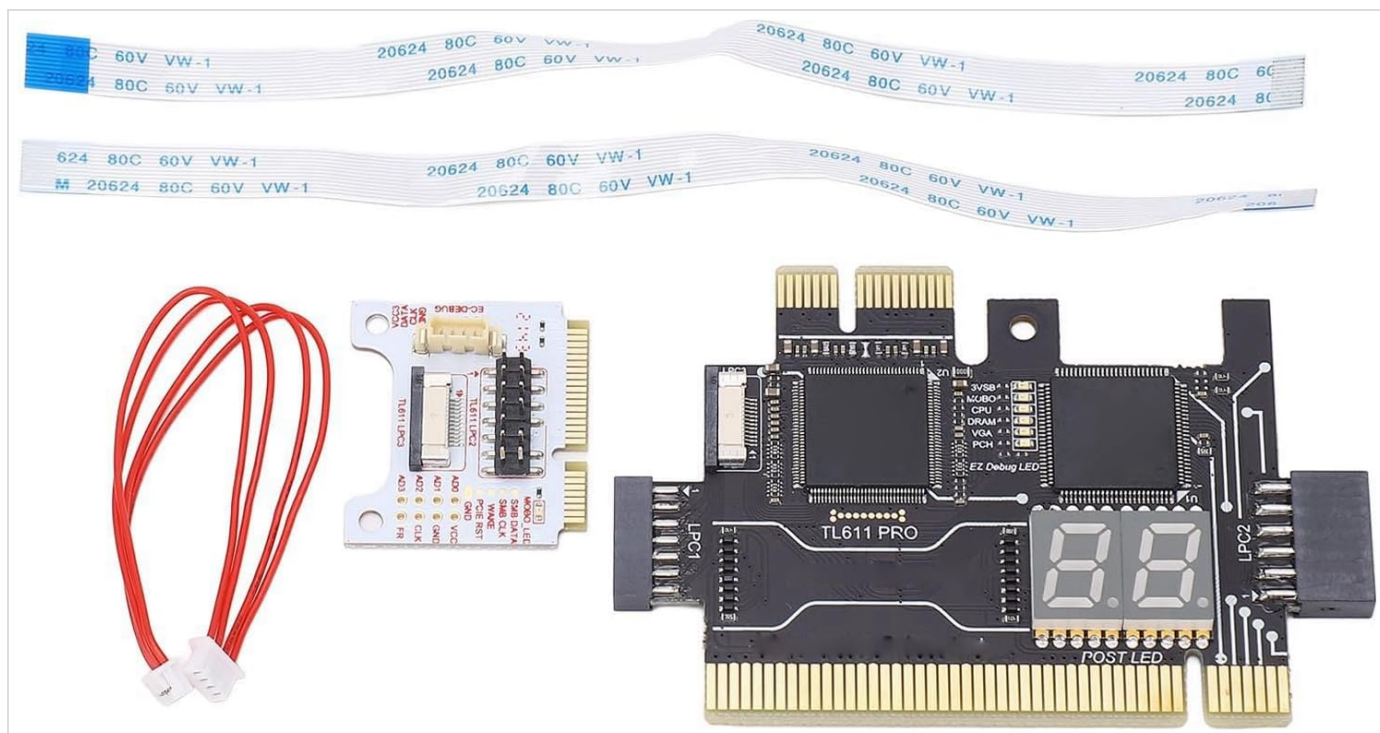


Image: Complete Eujgoov TL611 Pro Diagnostic Card kit, showing the main diagnostic card, an adapter card, a red connection cable, and two flat cables.

3. SETUP AND INSTALLATION

The TL611 Pro diagnostic card is designed for compatibility with various motherboard interfaces. Ensure your motherboard has one of the supported slots before installation.

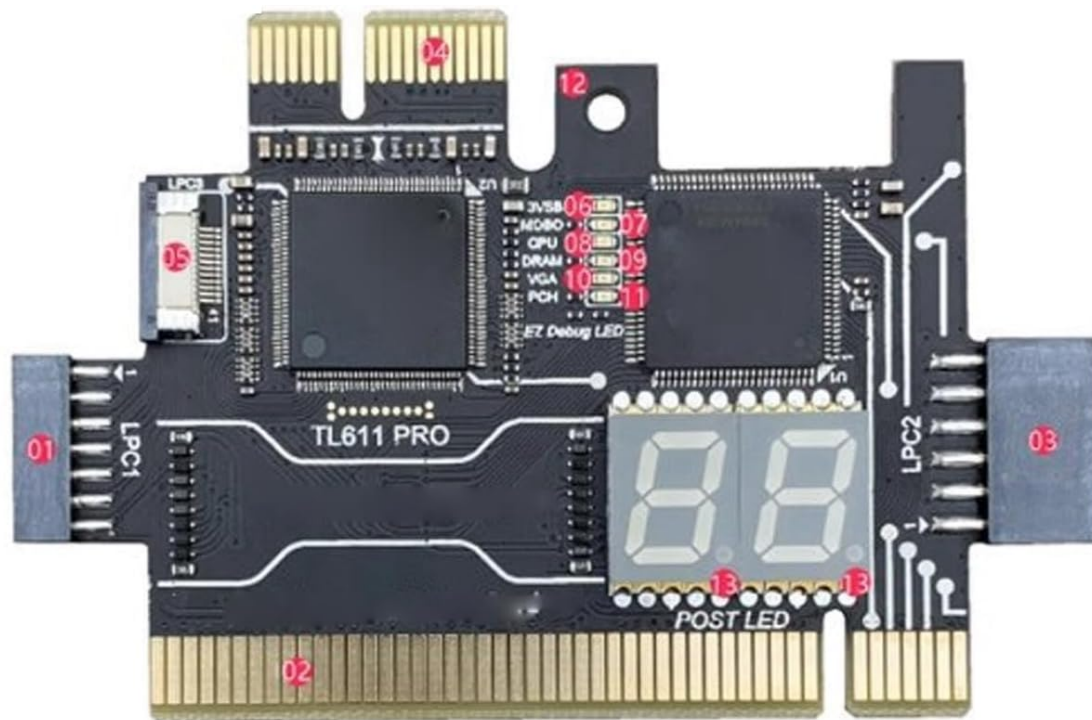
3.1 Compatibility

- **PCI E:** Supports all PCI E slots.
- **Mini PCI E:** For use with compatible laptop motherboards.
- **LPC:** Connects to mainboard 2.0 pin bar, motherboard 2.54 large row of pins, ultra micro SPI, or via the adapter card for MINI PCIE, A DEBUG conversion card, DEBUG CON, and EC DEBUG.

The card is suitable for motherboards from brands such as ASUS, HP, Lenovo, and Gigabyte.

3.2 Connecting the Diagnostic Card

Insert the TL611 Pro diagnostic card into an available and compatible slot on your motherboard. Depending on your motherboard's configuration, you may use the PCI E slot directly or connect via the LPC interface using the provided cables and adapter card.



- 01, LPC1 Shared high speed channel = Connect mainboard 2.0 pin bar and Notebook for MINI PCIE.
- 02, PCI High speed channel = Support for all PC slots.
- 03, LPC2 shared high speed channel = Connect motherboard 2.54 large row of pins and ultra micro SPI.
- 04, PCIEX1 High speed channel = Can test for Gigabyte without PCI motherboard.
- 05, LPC3 shared high speed channel = Connect the laptop for MINI PCIE, for A DEBUG conversion card, for ASUS DEBUG CON, for EC DEBUG.
- 06, 3VSB power indicator to check whether the power supply is normal.
- 07, MOBO mainboard indicator, check whether the mainboard is normal.
- 08, CPU indicator, check whether the CPU module is normal.
- 09, DRAM memory indicator, check whether the memory module is normal.
- 10, VGA graphics card indicator, check whether the graphics card module is normal.
- 11, PCH Southbridge indicator, check whether the Southbridge module is normal.
- 12, Tie a golden cord or take a key chain.
- 13, DP decimal point, CLK signal display.

Image: Detailed view of the TL611 Pro Diagnostic Card, highlighting the LPC1, LPC2, LPC3, and PCIEX1 connection points, along with the various diagnostic LED indicators.

1. **LPC1 Shared High Speed Channel:** Connects to the mainboard 2.0 pin bar and Notebook for MINI PCIE.
2. **PCI High Speed Channel:** Supports all PC slots.
3. **LPC2 Shared High Speed Channel:** Connects to motherboard 2.54 large row of pins and ultra micro SPI.
4. **PCIEX1 High Speed Channel:** Can test Gigabyte motherboards without a PCI slot.
5. **LPC3 Shared High Speed Channel:** Connects to the laptop for MINI PCIE, for A DEBUG conversion card, for DEBUG CON, and for EC DEBUG.

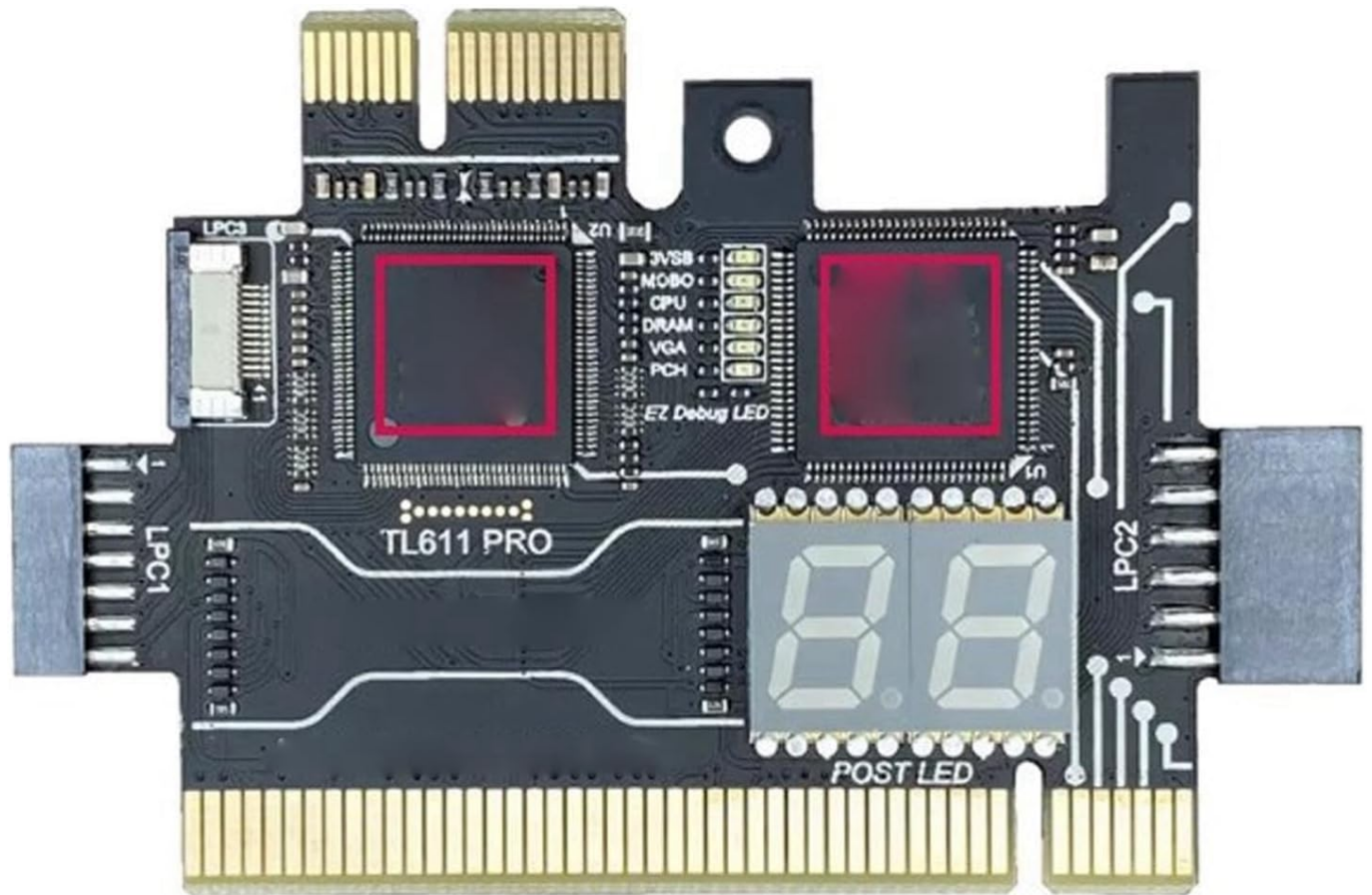
4. OPERATING INSTRUCTIONS

Once installed, the TL611 Pro diagnostic card automatically identifies power modules and begins its diagnostic process upon system power-up. The card features a digital display and multiple LED indicators to provide real-time status and error codes.

4.1 Interpreting LED Indicators

The diagnostic card includes several LED indicators to quickly identify the status of key motherboard components:

- **3VSB:** Power indicator. Illuminates if the power supply is normal.
- **MOBO:** Mainboard indicator. Illuminates if the mainboard is functioning normally.
- **CPU:** CPU indicator. Illuminates if the CPU module is normal.
- **DRAM:** Memory indicator. Illuminates if the memory module is normal.
- **VGA:** Graphics card indicator. Illuminates if the graphics card module is normal.
- **PCH:** Southbridge indicator. Illuminates if the Southbridge module is normal.



Anti burn design

Image: The TL611 Pro Diagnostic Card with its digital display and a row of LED indicators labeled 3VSB, MOBO, CPU, DRAM, VGA, and PCH.

4.2 Digital Display

The card features a two-digit digital display (POST LED) that shows diagnostic codes. These codes correspond to specific stages of the Power-On Self-Test (POST) process or indicate detected errors. The display also includes a DP decimal point and CLK display for additional status information.

Refer to your motherboard's specific POST code documentation for detailed interpretation of the displayed codes, as these can vary between manufacturers.

5. MAINTENANCE

To ensure the longevity and reliable performance of your Eujgoov TL611 Pro Diagnostic Card, follow these simple maintenance guidelines:

- **Cleaning:** Keep the card free from dust and debris. Use a soft, dry brush or compressed air to gently clean the surface and connectors.
- **Storage:** When not in use, store the card in an anti-static bag in a cool, dry place to prevent damage from static electricity or moisture.
- **Handling:** Always handle the card by its edges to avoid touching the electronic components and connectors.

6. TROUBLESHOOTING

If you encounter issues while using the TL611 Pro diagnostic card, consider the following troubleshooting steps:

- **No Display/No Indicators:**
 - Ensure the card is properly seated in its slot.
 - Verify that the motherboard is powered on.
 - Check all cable connections if using an adapter or external LPC connection.
- **Incorrect or Unexpected Codes:**
 - Confirm that your motherboard is compatible with the diagnostic card's interfaces (PCI E, mini PCI E, LPC). Some compact systems or specialized motherboards may lack these ports.
 - Consult your motherboard's manual for a list of POST codes specific to your system.
 - Ensure the card is receiving adequate power. The 3VSB LED should be illuminated.
- **Inaccurate Component Status (LEDs):**
 - Reseat the diagnostic card.
 - Test the card on a different, known-working motherboard if possible, to rule out a card malfunction.

7. SPECIFICATIONS

Brand	Eujgoov
Model Name	TL611 Pro
Compatible Devices	Desktops, Laptops
Product Interface	PCI E, LPC, Mini PCI E
Supported Motherboard Brands	ASUS, HP, Lenovo, Gigabyte, and others
Product Size	Approx. 84 x 56mm / 3.31 x 2.2in
Included Components	Diagnostic Card, Connection Cable, Adapter Card, 2 x Flat Cables

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Eujgoov TL611 Pro Motherboard Diagnostic Card, please refer to the documentation provided with your purchase or contact Eujgoov customer service directly. Contact details can typically be found on the manufacturer's official website or on the product packaging.

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