YOTON CM2320nf

YOTON CE684-60001 / CE684-67901 Printer Board Instruction Manual

For HP Color LaserJet CM2320nf Series Printers

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of the YOTON CE684-60001 / CE684-67901 Printer Board. This product is a refurbished replacement part designed for compatibility with HP Color LaserJet CM2320nf series printers. Adherence to these instructions will help ensure optimal performance and longevity of the printer board.

It is recommended that installation be performed by a qualified technician to prevent damage to the component or the printer.

2. PRODUCT OVERVIEW

The YOTON CE684-60001 / CE684-67901 is a main logic board (formatter board) for the specified HP Color LaserJet printer models. It is responsible for processing print jobs, managing printer functions, and facilitating communication between the printer and connected devices. This refurbished board has been professionally inspected and tested to meet functional standards.
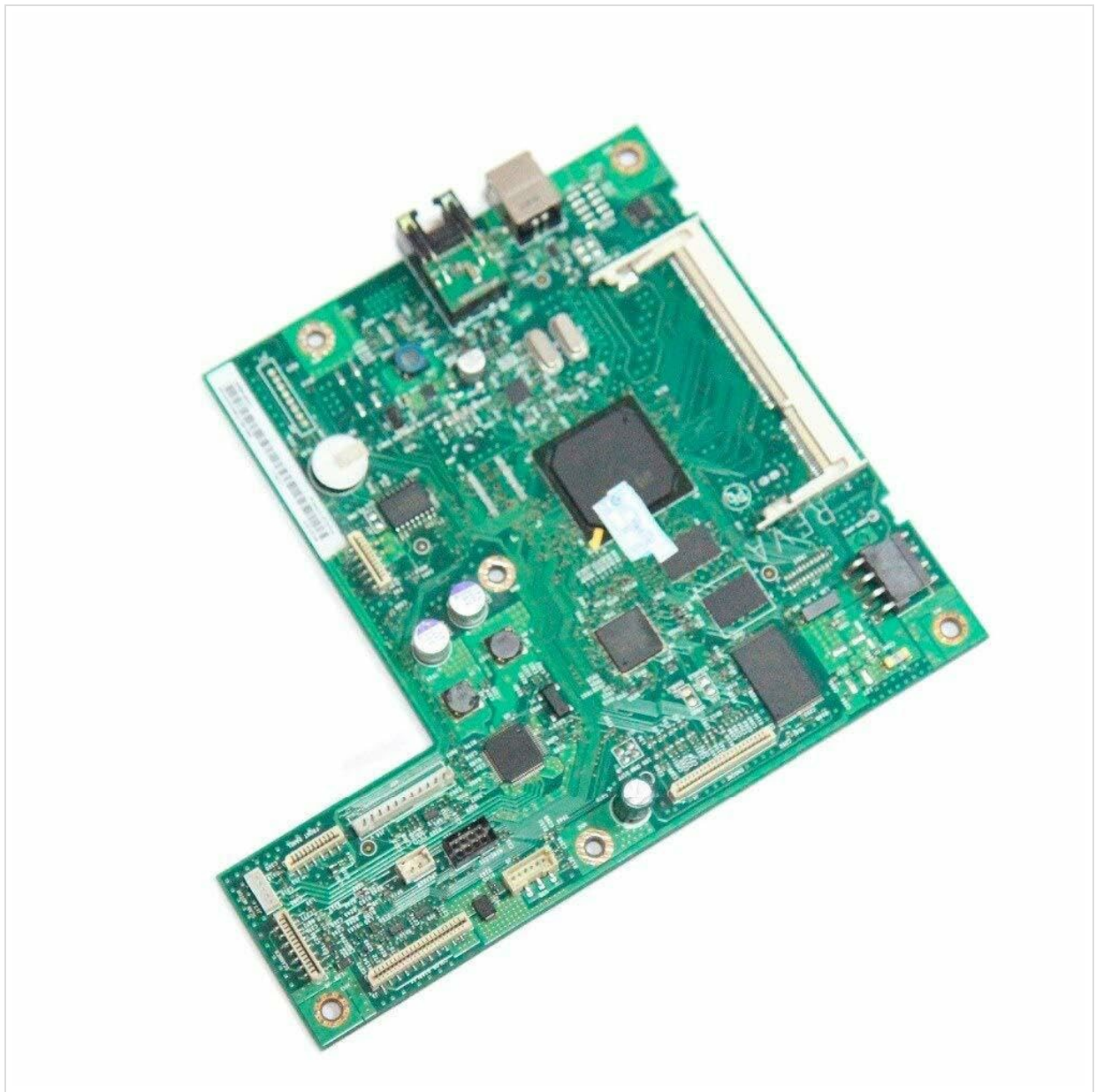
Figure 2.1: General view of the YOTON CE684-60001 / CE684-67901 Printer Board, showing various integrated circuits and connectors.

Figure 2.2: Another perspective of the printer board, illustrating the layout of components and interface ports.

3. Setup and Installation

Replacing a printer board requires careful handling and technical knowledge. It is strongly recommended to consult the official service manual for your specific HP Color LaserJet CM2320nf printer model or seek assistance from a certified technician.

3.1 Safety Precautions

- Always disconnect the printer from the power source before beginning any installation or maintenance.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to sensitive electronic components.
- Work in a clean, well-lit, and static-free environment.
- Keep all screws and small parts organized to ensure proper reassembly.

3.2 Installation Steps (General Guide)

1. **Power Off and Disconnect:** Ensure the printer is turned off and unplugged from the wall outlet. Disconnect all cables (USB, Ethernet, etc.) from the printer.
2. **Access the Board:** Carefully open the printer's access panels or remove covers as required to expose

the existing formatter board. Refer to your printer's service manual for exact instructions.

3. **Remove Old Board:** Disconnect all ribbon cables, connectors, and screws securing the old formatter board. Note the orientation and connection points of each cable for correct reinstallation.

4. **Install New Board:** Gently place the YOTON replacement board into position, ensuring it aligns correctly with mounting posts and screw holes. Secure it with the previously removed screws.

5. **Reconnect Cables:** Carefully reattach all ribbon cables and connectors to their corresponding ports on the new board. Double-check all connections for proper seating.

6. **Reassemble Printer:** Close all access panels and secure covers.

7. **Power On and Test:** Reconnect the power cable and any other necessary cables (USB, Ethernet). Turn on the printer and observe its startup sequence. Perform a test print to verify functionality.

4. OPERATING INSTRUCTIONS

Once the YOTON CE684-60001 / CE684-67901 Printer Board is correctly installed, the printer's operation will revert to its standard functionality as defined by the HP Color LaserJet CM2320nf series. There are no specific operating instructions for the board itself, as its function is integral to the printer's overall system.

Refer to your HP Color LaserJet CM2320nf printer's user manual for detailed instructions on printing, scanning, copying, faxing, and network configuration.

5. MAINTENANCE

The YOTON printer board is a robust electronic component designed for long-term reliability. Minimal maintenance is required for the board itself, but general care for the printer environment is beneficial.

- **Keep Clean:** Ensure the printer's internal environment is free from dust and debris, which can accumulate on electronic components and lead to overheating or short circuits. Use compressed air to gently clear dust from accessible areas.
- **Avoid Liquids:** Prevent any liquids from coming into contact with the printer or the board.
- **Stable Power Supply:** Use a surge protector to protect the printer and its internal components from power fluctuations.
- **Environmental Conditions:** Operate the printer within the recommended temperature and humidity ranges specified by HP for the CM2320nf series.

6. TROUBLESHOOTING

If you encounter issues after installing the YOTON CE684-60001 / CE684-67901 Printer Board, consider the following troubleshooting steps:

Symptom	Possible Cause	Solution
Printer does not power on.	Loose power connection, faulty power supply, incorrectly installed board.	Verify power cable connection. Check power outlet. Re-check all board connections.
Printer displays error codes or messages.	Incorrect board installation, incompatible firmware, other printer component failure.	Consult your HP printer's service manual for specific error code meanings. Ensure all cables are securely connected.

Symptom	Possible Cause	Solution
Printer not recognized by computer.	Loose USB/Ethernet cable, driver issues, network configuration problems.	Check data cable connections. Reinstall printer drivers. Verify network settings if applicable.
Print quality issues (after board replacement).	Unlikely to be board-related unless severe damage occurred during installation. More likely toner, drum, or fuser issues.	Perform printer calibrations. Check consumables. If issues persist, consult a technician.

If troubleshooting steps do not resolve the issue, it is advisable to contact a professional printer technician or the product supplier for further assistance.

7. SPECIFICATIONS

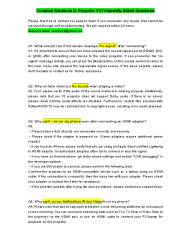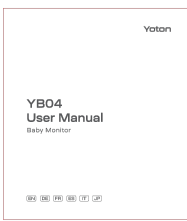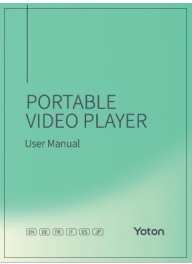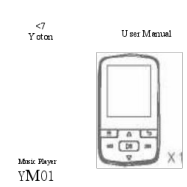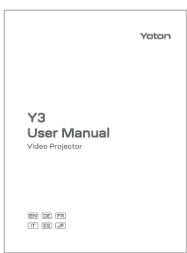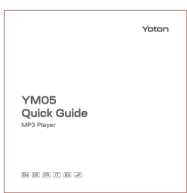| Feature	Detail
Product Type	Printer Formatter Board / Main Logic Board
Brand	YOTON
Model Numbers	CE684-60001, CE684-67901
Compatibility	HP Color LaserJet CM2320nf Series Printers
Condition	Renewed (Professionally inspected and tested)
UPC	714752020178
Printing Technology	Laser (as per compatible printer)
Printer Output	Color (as per compatible printer)

8. WARRANTY AND SUPPORT

This YOTON printer board comes with a **90-day limited warranty**. This warranty covers defects in materials and workmanship under normal use during the warranty period.

For warranty claims or technical support, please contact your point of purchase or the product supplier. Be prepared to provide your purchase details and a description of the issue.

For general printer operation and troubleshooting not directly related to the board's function, refer to the official HP documentation for your Color LaserJet CM2320nf printer.

Related Documents - CM2320nf

[YOTON Y3 Projector: Frequently Asked Questions and Solutions](#)

Find answers to common questions about the YOTON Y3 projector, including troubleshooting for no signal, no sound, mirroring issues, black dots, overheating, remote control problems, and blurry images.

[YOTON YB04 Baby Monitor User Manual - Setup and Operation Guide](#)

Comprehensive user manual for the YOTON YB04 Video Baby Monitor. Includes setup, installation, features, functions, and troubleshooting guide for optimal use and safety.

[Yoton Portable Video Player User Manual](#)

User manual for the Yoton Portable Video Player, covering operation, specifications, troubleshooting, and instruction tips.

[Yoton YM01 Music Player User Manual](#)

User manual for the Yoton YM01 Bluetooth Music Player, covering package contents, product structure, basic operations, charging, data transfer, device features, troubleshooting, and warranty information.

[Yoton Y3 Video Projector User Manual](#)

Comprehensive user manual for the Yoton Y3 video projector, covering setup, specifications, troubleshooting, safety guidelines, and warranty information.

[Yoton YM05 MP3 Player Quick Guide](#)

Concise quick start guide for the Yoton YM05 MP3 Player, covering package contents, product features, setup, file transfer, warranty, and FAQs. Learn how to use your Yoton MP3 player effectively.