

Zahara NE05164-W3

Zahara DC Power Jack Type C USB Charging Port Instruction Manual

Model: NE05164-W3

INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your Zahara DC Power Jack Type C USB Charging Port. This component is designed as a replacement part for compatible laptop models. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage.

COMPATIBILITY

This DC Power Jack Type C USB Charging Port is compatible with the following laptop models:

- **LENOVO ThinkPad:** E490, E490S, E495, E590, E595
- **LENOVO ThinkPad L Series:** L380 (Type 20M5, 20M6), L380 Yoga (Type 20M7, 20M8), L390 (Type 20NR, 20NS), L390 Yoga (Type 20NT, 20NU)
- **Acer Chromebook:** Spin CP513-1H, CB5-312T
- **ASUS:** Q325, Q325U, Q325UA, Zenbook UX393

Please verify your laptop's model number before purchasing and installing this replacement part to ensure full compatibility.

PACKAGE CONTENTS

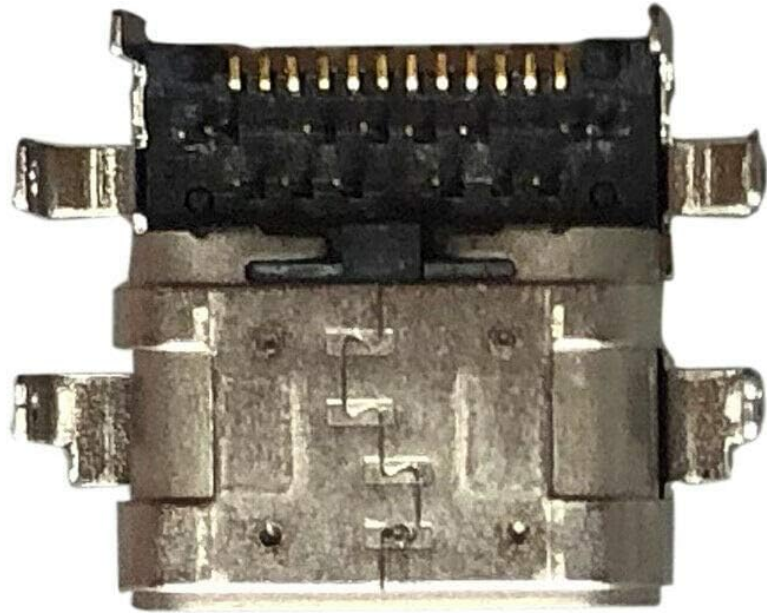
The package includes:

- 1X Zahara DC Power Jack Type C USB Charging Port (Model: NE05164-W3)

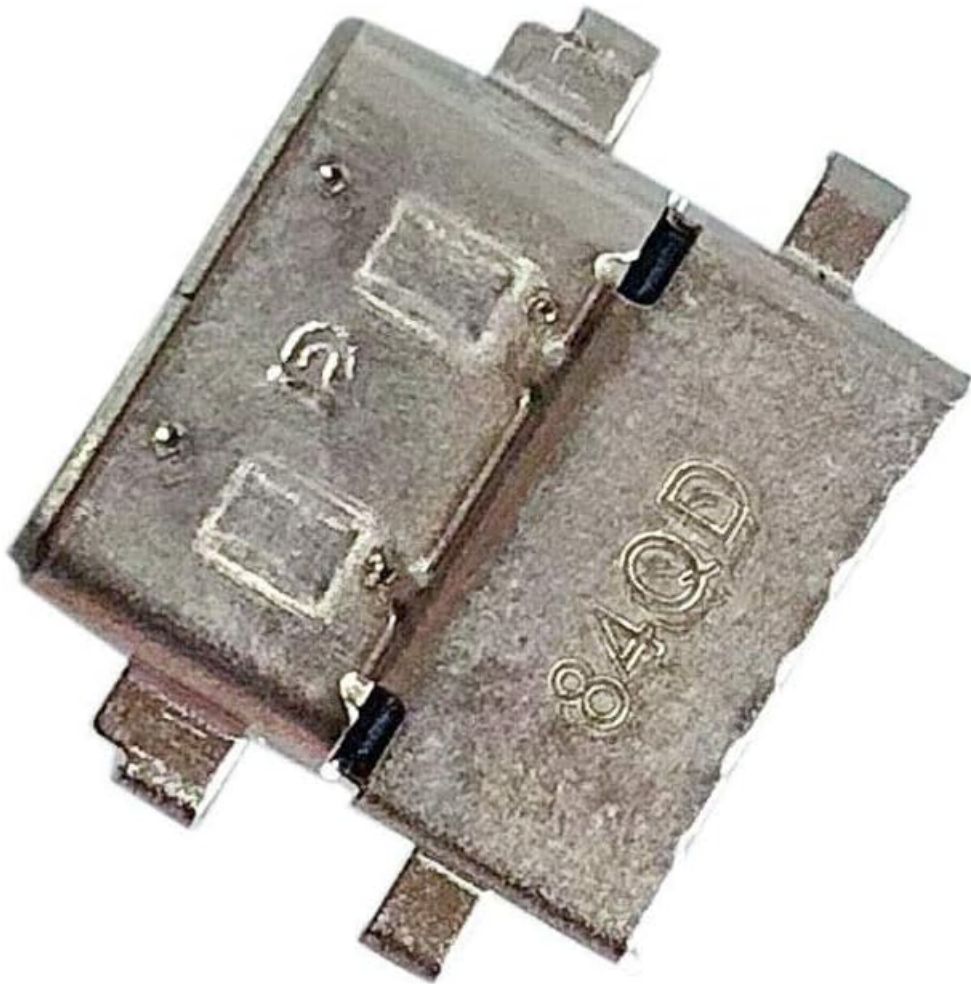
PRODUCT OVERVIEW

The Zahara DC Power Jack Type C USB Charging Port is a precision-engineered component designed to

restore charging and data transfer capabilities to your compatible laptop. It features a robust construction for durability and reliable performance.



Front view of the DC Power Jack, highlighting the Type C connector and internal pins.



Angled view of the DC Power Jack, showing the underside and model markings.



Side view of the DC Power Jack, displaying manufacturing details.



Perspective view of the DC Power Jack, highlighting the Type C receptacle.



Detailed angled view of the DC Power Jack, showing internal pin configuration.

INSTALLATION INSTRUCTIONS

Replacing a DC power jack requires technical expertise and specialized tools. It is highly recommended that this procedure be performed by a qualified technician. Incorrect installation can lead to further damage to your laptop or personal injury.

Required Tools (Not Included):

- Small Phillips head screwdriver
- Plastic pry tool (spudger)
- Anti-static wrist strap
- Tweezers
- Thermal paste (if CPU/GPU heatsink removal is necessary)

Safety Precautions:

- Always disconnect the laptop from the power adapter and remove the battery before starting any repair.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to sensitive components.
- Work in a clean, well-lit, and organized environment.
- Keep track of all screws and components, noting their original positions.

General Installation Steps:

1. **Preparation:** Power off the laptop completely. Disconnect the AC adapter and remove the main battery.
2. **Disassembly:** Carefully open the laptop casing. This typically involves removing screws from the bottom cover and using a plastic pry tool to separate the panels. Refer to your specific laptop model's service manual or online guides for detailed disassembly instructions.
3. **Locate the Old DC Jack:** Identify the existing DC power jack. It is usually connected to the motherboard via a cable or directly soldered.
4. **Disconnect and Remove:** Gently disconnect the cable from the motherboard (if applicable) or desolder the old jack if it's directly attached. Remove any screws or brackets securing the old jack.
5. **Install New DC Jack:** Position the new Zahara DC Power Jack in the same location as the old one. Secure it with any original screws or brackets. If it's a soldered component, carefully solder the new jack to the motherboard, ensuring proper alignment and strong connections. If it's a cable type, connect the cable securely to the motherboard.
6. **Reassembly:** Carefully reassemble the laptop, ensuring all cables are connected, and no components are pinched. Replace all screws in their original positions.
7. **Testing:** Reinstall the battery and connect the AC adapter. Power on the laptop and verify that it charges correctly. Test all functionalities of the Type C port (charging, data transfer, video output if supported by the port).

OPERATING THE CHARGING PORT

Once the Zahara DC Power Jack Type C USB Charging Port is correctly installed, its operation is straightforward:

- **Charging:** Connect a compatible USB Type C power adapter to the port. Ensure the adapter meets your laptop's power requirements (voltage and amperage). The laptop should indicate that it is charging.
- **Data Transfer:** Connect a USB Type C data cable to the port and to a compatible device (e.g., external hard drive, USB hub) for data transfer.
- **Video Output:** If your laptop and the connected display support it, use a compatible USB Type C to DisplayPort/HDMI cable or adapter for video output.

Always use certified and compatible accessories to prevent damage to the port or your laptop.

MAINTENANCE

To ensure the longevity and optimal performance of your DC Power Jack Type C USB Charging Port:

- **Keep it Clean:** Periodically inspect the port for dust, debris, or lint. Use a soft, dry brush or compressed air to gently clean the port. Avoid using liquids or sharp objects.
- **Handle with Care:** Avoid applying excessive force when inserting or removing cables. Always hold the plug directly, not the cable, to prevent strain on the port.
- **Prevent Strain:** Do not bend or twist the cable while it is connected to the port. Avoid placing heavy objects on the cable or laptop while charging.
- **Environmental Conditions:** Keep your laptop and its components away from extreme temperatures, high humidity, and direct sunlight.

TROUBLESHOOTING

If you encounter issues with your charging port, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Laptop not charging	Faulty power adapter or cable; loose connection; software issue; port debris.	Try a different power adapter and cable. Ensure the cable is fully inserted. Clean the port gently. Restart the laptop. Check power management settings.
Data transfer issues	Faulty USB-C cable; incompatible device; driver issue.	Try a different USB-C cable. Ensure the connected device is compatible. Update USB drivers in Device Manager.
Port feels loose or damaged	Physical damage to the port or internal connections.	If the port feels physically loose or damaged, it may require professional inspection and repair. Avoid forcing cables into a damaged port.
Intermittent charging	Loose connection; damaged cable; power adapter issue.	Ensure the connection is firm. Try a different cable and power adapter. If the issue persists, professional inspection may be needed.

If these steps do not resolve the issue, it is recommended to consult a qualified technician for further diagnosis and repair.

SPECIFICATIONS

Feature	Detail
Brand	Zahara
Model Number	NE05164-W3
Item Weight	0.352 ounces (approximately 0.01 Kilograms)
Package Dimensions	6.85 x 2.17 x 0.55 inches
Hardware Interface	USB Type C
Compatible Devices	Lenovo ThinkPad E490, E490S, E495, E590, E595, L380, L390; Acer Chromebook Spin CP513-1H, CB5-312T; ASUS Zenbook UX393, Q325, Q325U, Q325UA
ASIN	B095K2Y1TT
UPC	192771589270

WARRANTY AND SUPPORT

This product is typically covered by a return policy that allows for refund or replacement within 30 days of purchase. For specific warranty details, please refer to the retailer's return policy at the time of purchase. For technical support or inquiries regarding this product, please contact Zahara customer service through the platform where the product was purchased.

