

EZDIY-FAB UK2-NEW2.0 9PIN adapter-E

EZDIY-FAB USB 2.0 Internal Header (9-Pin) to USB 3.1/3.2 Type-C (20-Pin) A Key Front Panel 180 Degree Adapter User Manual

1. INTRODUCTION

This user manual provides comprehensive instructions for the EZDIY-FAB USB 2.0 Internal Header (9-Pin) to USB 3.1/3.2 Type-C (20-Pin) A Key Front Panel 180 Degree Adapter. This adapter is designed to enable USB Type-C front panel connectivity on motherboards that only feature a USB 2.0 9-pin header, allowing for easier access to USB-C devices. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. SAFETY INFORMATION

- Always turn off and unplug your computer from the power outlet before installing or removing any internal components.
- Discharge any static electricity from your body by touching a grounded metal object (e.g., the computer case) before handling components.
- Handle the adapter by its edges to avoid touching the electronic components.
- Keep the adapter away from moisture and extreme temperatures.
- Do not attempt to modify or disassemble the adapter.

3. PACKAGE CONTENTS

The package includes the following item:

- 1x EZDIY-FAB USB 2.0 9-Pin to USB 3.1 Type-E Adapter

4. PRODUCT OVERVIEW

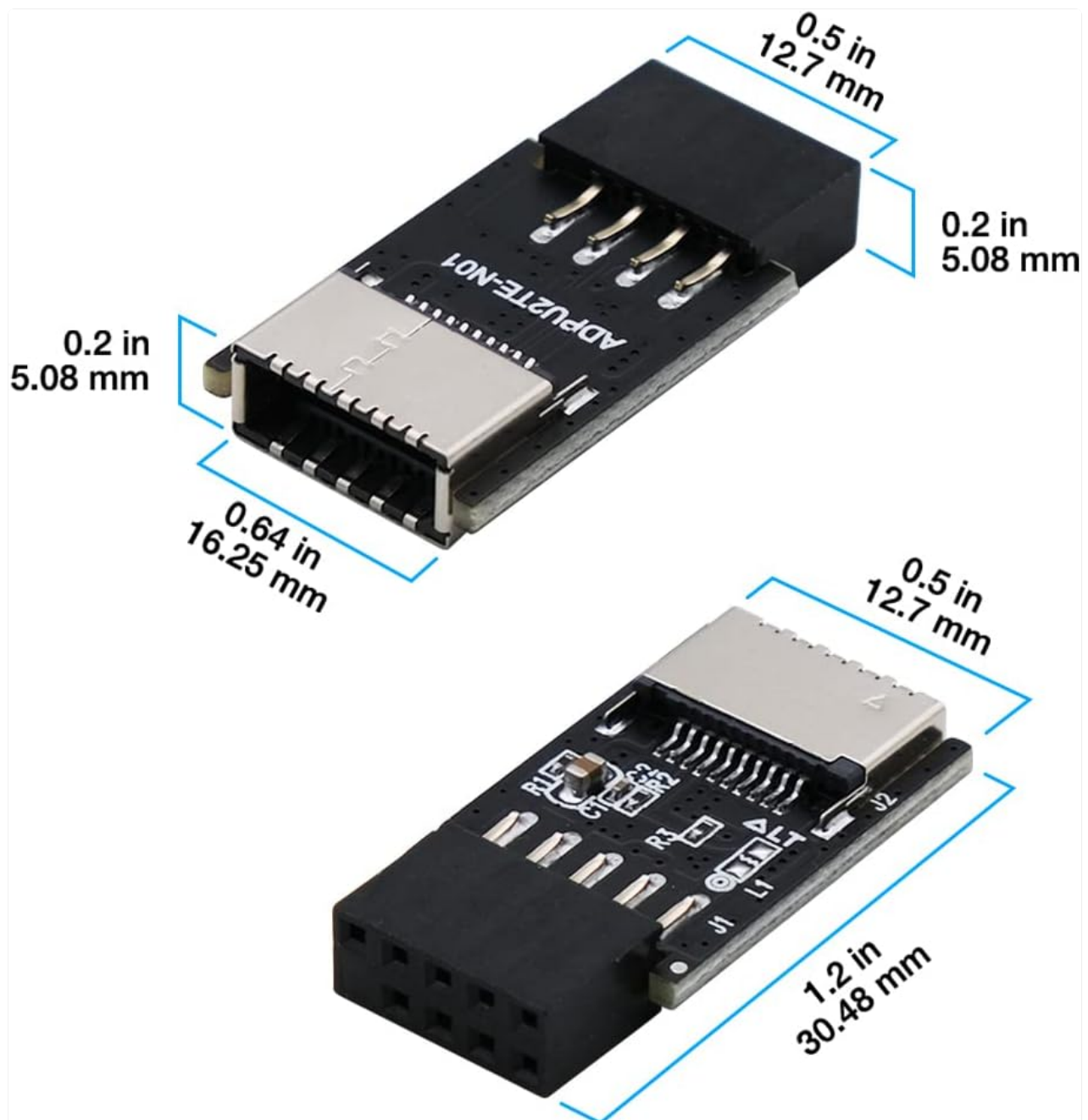
The EZDIY-FAB adapter is designed to provide a convenient solution for connecting modern USB Type-C front panel cables to older motherboards lacking a dedicated USB 3.1/3.2 Type-E header. It converts a standard USB 2.0 9-pin header to a Type-E connector.

Key Features:

- Enables USB Type-C front panel support on motherboards with only USB 2.0 9-pin headers.
- Features a 180-degree connector interface to prevent installation interference with other motherboard components or case structures.
- Plug and Play functionality; no drivers are required for operation.
- Compatible with all major motherboard brands featuring a USB 2.0 9-pin header.
- Works seamlessly with Windows and Linux operating systems.

Product Dimensions:

- Length: Approximately 1.2 inches (30.48 mm)
- Width: Approximately 0.5 inches (12.7 mm)
- Height: Approximately 0.2 inches (5.08 mm)



Component Identification:

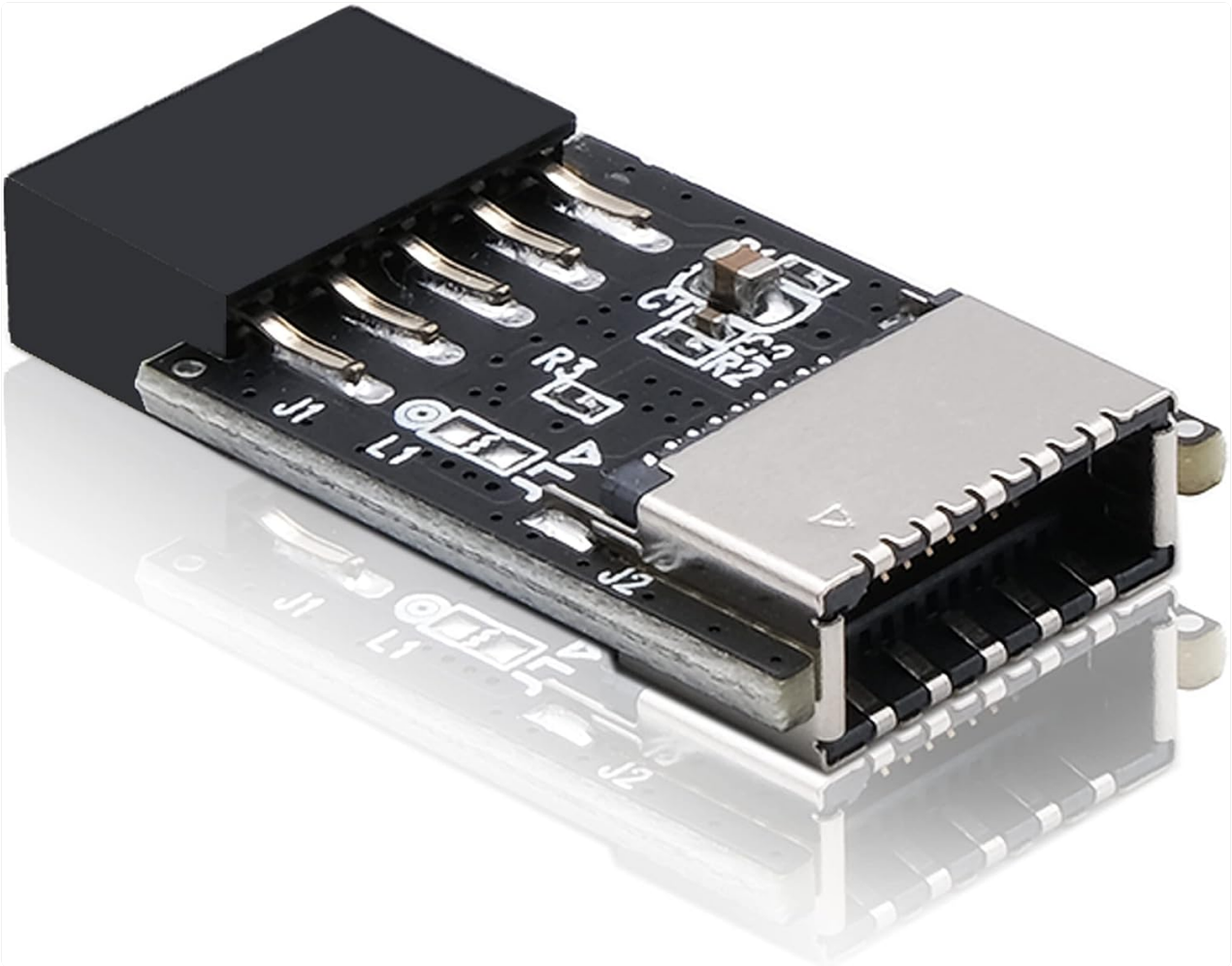


Figure 4.2: Front view of the adapter

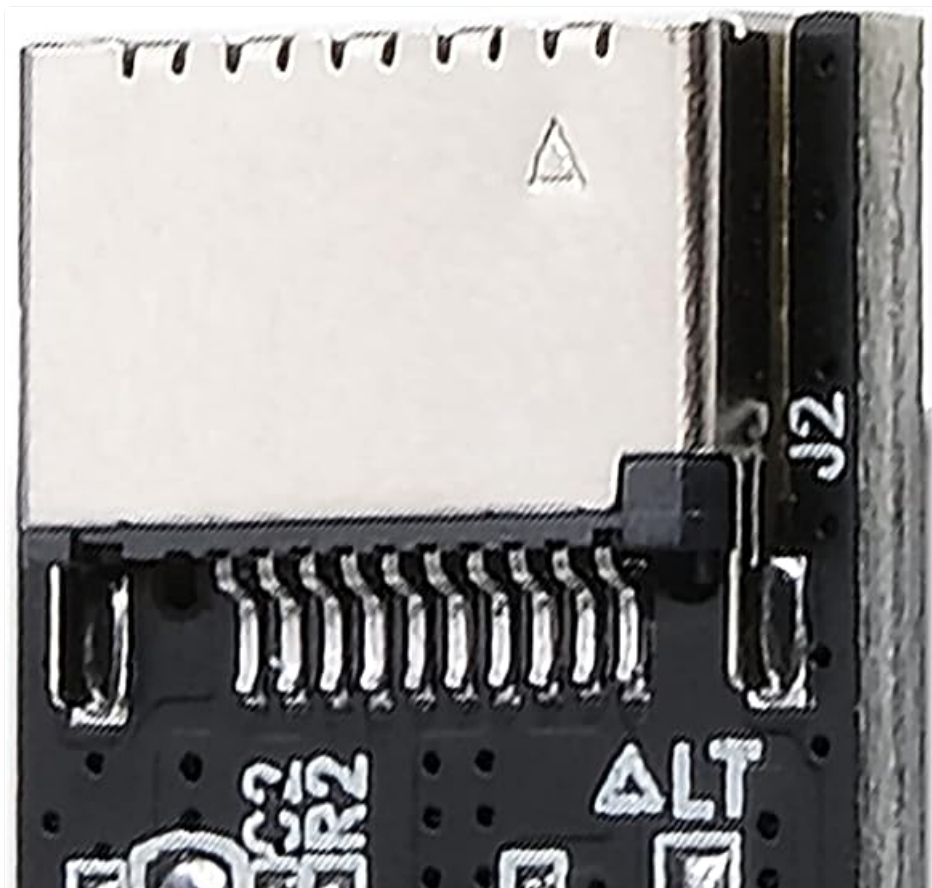




Figure 4.3: Side view of the adapter

EZDIY-FAB

Über uns

EZDIY-FAB wurde 2016 gegründet und bietet Gamern auf der ganzen Welt verschiedene PC-Komponenten zu einem tollen Preis-Leistungs-Verhältnis.

Uns liegt die Nutzungserfahrung unserer Kunden am Herzen, wir sind bestrebt, die beim Zusammenbau von PCs auftretenden Probleme herauszufinden und den Benutzern einfache Lösungen mit hervorragendem Design vorzuschlagen. Dies passt perfekt zu unserem Markennamen „EZDIY“, was bedeutet, dass Sie Ihren PC ganz einfach selbst bauen können.

Figure 4.4: Detailed view of the adapter



5. SETUP AND INSTALLATION

The EZDIY-FAB adapter is designed for straightforward installation. Follow these steps carefully:

1. **Power Off:** Before beginning installation, ensure your computer is completely powered off and unplugged from the wall outlet. This prevents electrical damage to your components and ensures your safety.
2. **Locate USB 2.0 Header:** Identify an available USB 2.0 9-pin header on your motherboard. These headers are typically labeled "USB," "JUSB," or similar. Consult your motherboard manual if you are unsure of the exact location.
3. **Connect Adapter:** Carefully align the 9-pin male connector of the EZDIY-FAB adapter with the USB 2.0 9-pin header on your motherboard. Gently push down until the adapter is securely seated. The 180-degree design allows for flexible positioning to avoid obstructions.
4. **Connect Front Panel Cable:** Plug your case's USB Type-C front panel cable into the Type-E female port on the EZDIY-FAB adapter. Ensure the connection is firm.
5. **Power On:** Once the adapter and cable are securely connected, close your computer case, plug in the power cord, and power on your system.

Problemlose Installation

Plug and Play, keine Treiberanforderung.



***Vor der Installation ausschalten**

Figure 5.1: Adapter installed on motherboard



Figure 5.2: Adapter with USB-C cable connected

6. OPERATION

Once installed, the EZDIY-FAB adapter functions as a direct passthrough for your front panel USB Type-C port. It operates on the USB 2.0 standard, meaning that any device connected to the front panel USB-C port via this adapter will operate at USB 2.0 speeds (up to 480 Mbps).

The adapter is plug and play, requiring no additional drivers or software installation. Your operating system will automatically recognize devices connected to the front panel USB-C port.



Figure 6.1: Example USB 2.0 Speed Test Results

7. TROUBLESHOOTING

Common Issues and Solutions:

- **Device Not Recognized:**

- Ensure the adapter is fully seated in the motherboard's USB 2.0 9-pin header.
- Verify that the front panel USB-C cable is securely connected to the adapter.
- Check your motherboard manual to confirm the correct USB 2.0 header location.
- Try connecting a different USB-C device to confirm the port's functionality.

- **Slow Data Transfer Speeds:**

- This adapter converts a USB 2.0 header to a Type-E connector. Therefore, the maximum data transfer speed will be limited to USB 2.0 specifications (up to 480 Mbps). It will not achieve USB 3.1/3.2 speeds, even if your connected device supports them. This is expected behavior.

- **Adapter Does Not Fit:**

- Ensure you are attempting to connect the adapter to a standard USB 2.0 9-pin header. It is not compatible with USB 3.0/3.1 19-pin or 20-pin headers directly.
- The 180-degree design is intended to help with clearance; ensure no other components are physically blocking the adapter's path.

8. SPECIFICATIONS

Feature	Detail
Model Number	UK2-NEW2.0 9PIN adapter-E
Connector Type	USB 2.0 9-Pin Male to USB Type-C (Type-E) Female
Data Transfer Speed	Up to 480 Mbps (USB 2.0 standard)
Compatibility	Motherboards with USB 2.0 9-pin headers; Windows and Linux systems
Dimensions (L x W x H)	Approx. 30.48 x 12.7 x 5.08 mm (1.2 x 0.5 x 0.2 inches)
Manufacturer	EZDIY-FAB
ASIN	B0B5G8PPJN

9. MAINTENANCE

The EZDIY-FAB adapter requires minimal maintenance. To ensure its longevity and optimal performance:

- Keep your computer's interior clean from dust buildup, which can affect component lifespan.
- Ensure all connections (adapter to motherboard, cable to adapter) remain secure.
- Avoid physical stress on the adapter or connected cables.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the EZDIY-FAB official website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.