

## Acer ODK540

# Acer USB C to Dual HDMI Adapter (Model ODK540) User Manual

Model: ODK540 | Brand: Acer

## 1. INTRODUCTION

This manual provides detailed instructions for the Acer USB C to Dual HDMI Adapter (Model ODK540). This 4-in-1 adapter is designed to expand the connectivity of your USB-C enabled device, offering dual 4K@60Hz HDMI outputs, a USB 3.0 port for data transfer, and 100W Power Delivery (PD) charging. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's capabilities.

## 2. PRODUCT FEATURES

- Multifunctional 4-in-1 Connectivity:** Integrates two HDMI ports (4K@60Hz), one USB-A 3.0 port (5Gbps), and one USB-C Power Delivery port (100W input).
- Dual 4K@60Hz Display:** Supports stunning 4K@60Hz resolution on both single and dual displays. Ensure all connected devices (laptop, cables, monitors) support HDMI 2.0 or higher for optimal performance.
- Super-Fast 5Gbps Data Transfer:** Equipped with a USB-A 3.0 port for high-speed file transfers, ideal for large data volumes.
- Reliable 100W Power Delivery:** Supports up to 100W input and delivers up to 90W to your laptop, ensuring continuous power during use. A 65W or higher power adapter and cable (not included) are required. Your laptop's USB-C port must support Power Delivery.
- Compact and Portable Design:** Features an aluminum alloy casing for efficient heat dissipation and a braided nylon cable for durability.

## 3. PACKAGE CONTENTS

- Acer USB C to Dual HDMI Adapter (Model ODK540)
- Integrated USB-C cable (approximately 20 cm / 0.66 ft)

Please ensure all items are present and in good condition. If any items are missing or damaged, contact customer support.

## 4. SETUP INSTRUCTIONS

- Verify Laptop Compatibility:** Ensure your laptop's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode)

for video output. This is often indicated by a Thunderbolt symbol, a 'D' symbol, or a full-function USB-C port. Ports labeled 'Data Transfer Only' or 'Charging Only' are not compatible for video output.

2. **Connect to Laptop:** Plug the integrated USB-C cable of the adapter into a compatible USB-C port on your laptop.
3. **Connect Monitors:** Connect your HDMI monitors to the HDMI 1 and HDMI 2 ports on the adapter using HDMI 2.0 or higher cables.
4. **Connect Power (Optional but Recommended):** For stable operation and to charge your laptop, connect a 65W or higher USB-C PD power adapter (not included) to the USB-C PD port on the adapter.
5. **Connect USB Devices (Optional):** Plug any USB-A devices, such as a mouse, keyboard, or USB drive, into the USB 3.0 port on the adapter.



Image: Overview of the Acer USB C to Dual HDMI Adapter showing its HDMI, USB 3.0, and PD ports.

# Check if Your Laptop Tablet / Phone Support Video Output

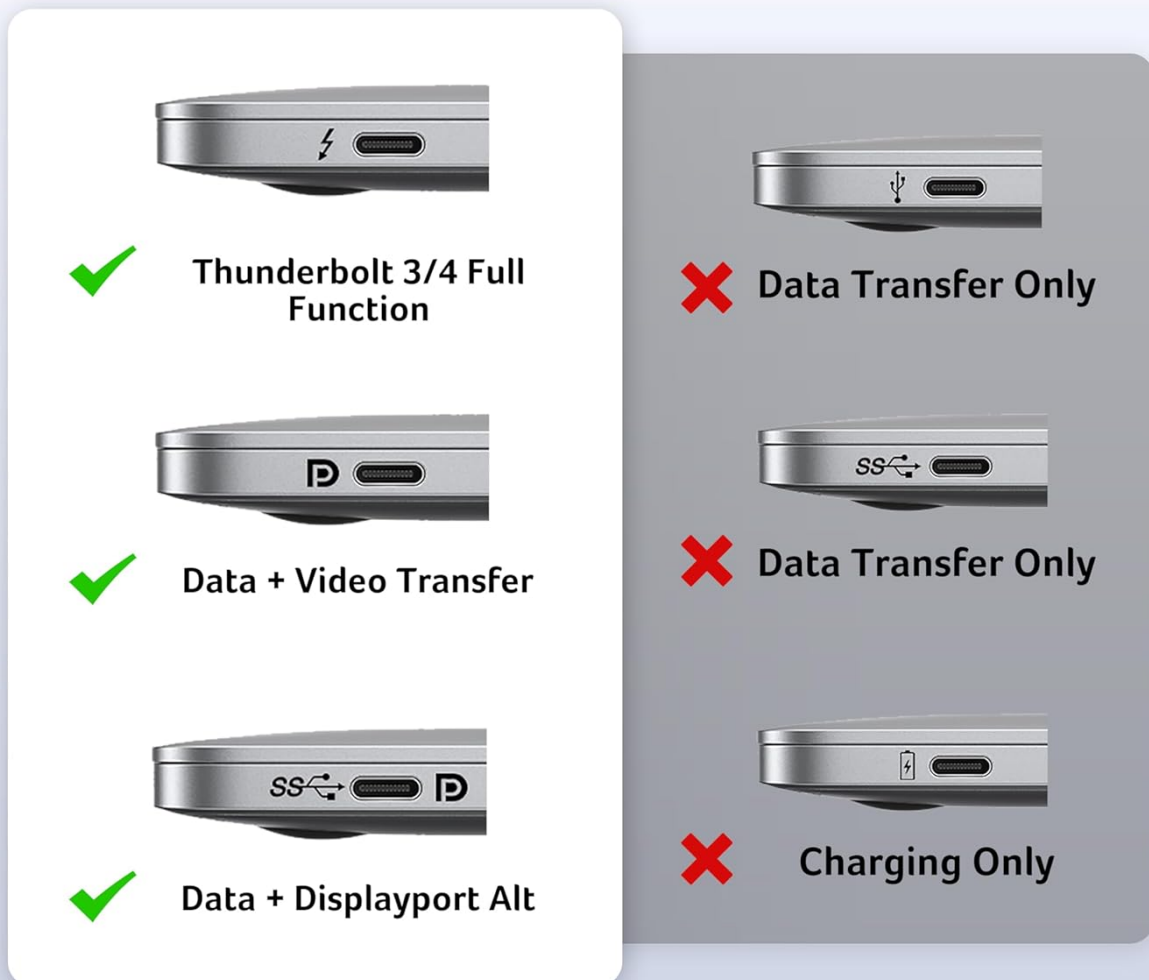


Image: Guide to checking your laptop's USB-C port for video output compatibility (Thunderbolt, Data+Video Transfer, Data+Displayport Alt are compatible; Data Transfer Only, Charging Only are not).

## 5. OPERATING INSTRUCTIONS

### 5.1 Display Modes

Once connected, your operating system should automatically detect the external monitors. You may need to configure the display settings to achieve your desired setup.

- **For Windows Users:**

Right-click on your desktop and select "Display settings" or press **Windows Key + P**. You can choose between:

- **Duplicate (Mirror) Mode (A-A-A):** Displays the same content on all screens.
- **Extend Mode (A-B-B or A-B-C):** Extends your desktop across multiple screens. For A-B-C (MST Mode), ensure your laptop supports Multi-Stream Transport.

- **For macOS Users:**

Go to **Apple menu > System Preferences > Displays**. macOS does not support Multi-Stream Transport (MST). Therefore, dual display is limited to:

- **Mirror Mode (A-A-A):** Both external monitors will mirror the laptop display.
  - **Extend Mode (A-B-B):** The two external monitors will display the same extended content, different from the laptop display. It does not support A-B-C (three independent displays).
- **For Chromebook Users:**  
Most Chromebooks do not support MST. You will typically be limited to mirror mode or a single extended display.

## Multiple Display Modes

### Windows



Mirror Mode (A-A-A)



Extend Mode (A-B-B)



MST Mode (A-B-C)

### macOS



Mirror Mode (A-A-A)



Extend Mode (A-B-B)



~~MST Mode (A-B-C)~~



**NOTE:** The macOS System doesn't support MST(A-B-C) Mode

Image: Visual representation of Mirror Mode and Extend Mode configurations for Windows and macOS, highlighting macOS MST limitations.

# Dual Monitor 4K@60Hz Output

## HDMI 1

## HDMI 2



### Note:

1. macOS does not support MST; both monitors mirror the same content.
2. Resolution and refresh rate vary by cable, computer, and connection.

Image: A laptop connected to two external monitors, demonstrating a dual monitor setup. A note indicates macOS MST limitations.

## 5.2 Data Transfer

The USB-A 3.0 port supports data transfer speeds up to 5Gbps. Connect your USB storage devices, external hard drives, or other peripherals for fast data exchange.



# 5Gbps

## Ultra Fast Speed

10X Faster Than USB 2.0

5Gbps

USB 3.0

480Mbps

USB 2.0

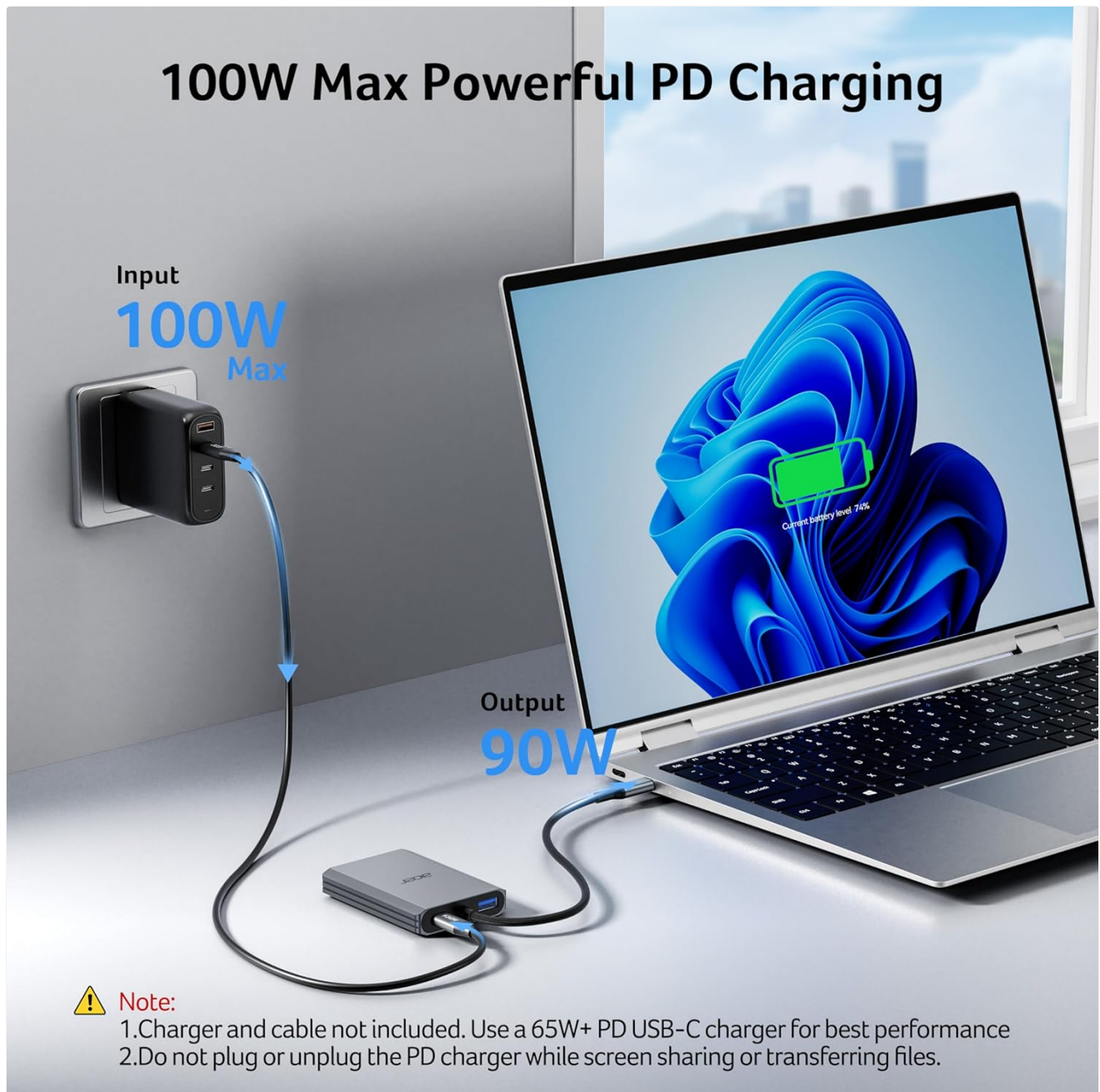


Image: A laptop connected to the adapter, with a USB flash drive inserted into the USB 3.0 port, illustrating high-speed data transfer.

### 5.3 Power Delivery

The USB-C PD port allows you to charge your laptop while using the adapter. Connect your laptop's original power adapter or a compatible 65W+ USB-C PD charger to this port. The adapter supports up to 100W input and delivers up to 90W to your laptop.

# 100W Max Powerful PD Charging



**Note:**

- 1.Charger and cable not included. Use a 65W+ PD USB-C charger for best performance
- 2.Do not plug or unplug the PD charger while screen sharing or transferring files.

Image: Illustration of the power delivery function, showing a 100W power input to the adapter and 90W output to a connected laptop.

## 6. COMPATIBILITY

This adapter is compatible with Windows and macOS devices that support DisplayPort Alternate Mode (DP Alt Mode) via their USB-C port. This enables display, charging, and data transfer functionalities.

### Supported Devices Include:

- Acer laptops
- Dell XPS series
- Lenovo laptops
- Microsoft Surface devices
- HP laptops
- ASUS laptops
- MacBook Air/Pro models
- Samsung laptops and smartphones
- Various accessories like mice and keyboards



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Featured Brands :Acer、 Nitro、 emachines、 e10、 Pawbo、 Xplova

Image: A visual guide to wide compatibility, featuring various laptop, tablet, and phone models.

## 7. MAINTENANCE

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- Keep the adapter clean and dry. Avoid exposure to liquids or extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. This may void the warranty and cause damage.
- Store the adapter in a safe place when not in use to prevent physical damage.
- Avoid bending the integrated USB-C cable excessively to prevent internal wire damage.

## 8. TROUBLESHOOTING

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- **No Display or Flickering Screen:**

- Ensure your laptop's USB-C port supports video output (DP Alt Mode).
- Check all cable connections (USB-C to adapter, HDMI to monitors) are secure.
- Verify that your HDMI cables are HDMI 2.0 or higher and in good condition.
- Test with a single monitor first to isolate the issue.
- Restart your laptop and reconnect the adapter.

- **Cannot Achieve Dual HDMI Display Simultaneously:**

- For Windows, go to Display Settings and ensure "Extend these displays" is selected, not "Show desktop only on 1" or "Show desktop on 2".
- For macOS, remember that MST (Multi-Stream Transport) is not supported. Dual monitors will either mirror the laptop (A-A-A) or mirror each other while extending from the laptop (A-B-B).
- For Chromebooks, most do not support MST, limiting to mirror mode or single display.

- **Laptop Not Charging via Adapter:**

- Ensure your laptop's USB-C port supports Power Delivery.
- Use a 65W or higher USB-C PD power adapter and cable (not included).
- Do not plug or unplug the PD charger while screen sharing or transferring files to avoid interruptions.



- **Delay or Interference with Wireless Mouse/Keyboard:**

- If using a 2.4GHz wireless mouse or keyboard, the product may cause interference.
- It is recommended to reduce the distance between the wireless receiver and the mouse/keyboard to minimize interference.

- **Adapter Feels Warm:**

- It is normal for the adapter to become warm during heavy use, especially when charging and driving multiple displays. The aluminum alloy design aids in heat dissipation.
- At full load, the surface temperature may reach about 122°F (50°C). This is within normal operating parameters.



Image: A summary of common troubleshooting steps and user tips for display settings, USB device interference, and power delivery.

## 9. SPECIFICATIONS

Model Number	ODK540
Brand	Acer
Color	Grey
Hardware Interface	2x HDMI, 1x USB 3.0, 1x USB Type C (PD)
HDMI Output	Dual 4K@60Hz (HDMI 2.0 compatible)
USB-A Data Port	1x USB 3.0 (5Gbps)
USB-C Power Delivery	Up to 100W input, 90W output to laptop
Cable Length	20 cm (0.66 ft)
Item Weight	3.87 ounces
Package Dimensions	6.42 x 6.42 x 0.28 inches
Special Features	Fast Charging, Fast Data Transfer, Lightweight, Plug and Play, Portable

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Acer website or contact Acer customer service directly. Keep your purchase receipt for warranty claims.