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acer U301

Acer U301 USB 3.0 Docking Station Instruction Manual

Model: U301 (GP.DCK11.00J)

Brand: Acer

1. Introduction

The Acer U301 USB 3.0 Docking Station is designed to enhance productivity by providing dual display support and centralized connectivity for various mobile and storage devices. This manual provides essential information for setting up, operating, and maintaining your docking station.



Figure 1: Front view of the Acer U301 USB 3.0 Docking Station.

2. Package Contents

Verify that all items are present in the package:

- USB 3.0 Dock U301
- USB Type-B to C Cable
- USB Type-B to A Cable
- Power Cord

3. Product Features and Port Overview

The Acer U301 Docking Station offers a comprehensive set of ports to expand your laptop's connectivity:

- **Host Interface:** USB 3.1 Gen1 Type-A or USB 3.1 Gen1 Type-C (via included cables). Cable length is 3.28 feet.
- **Video Interface:** 2 x HDMI ports supporting up to 1920x1080 @60Hz (FHD).
- **USB Ports:**
    - 1 x USB 3.1 Gen1 Type-B port (UFP - Connect to Laptop)
    - 4 x USB 2.0 Type-A ports (rear)
    - 2 x USB 3.1 Gen 1 Type-A ports (DFP - front)
- **Ethernet:** 1 x RJ-45 connector (10/100/1000Mbps).
- **Audio Jacks:** 1 x 3.5mm Audio (Headphone/Speaker Jack).

Front Panel Ports:



Figure 2: Front panel of the Acer U301, showing 2x USB 3.1 Gen 1 Type-A ports and 1x 3.5mm audio jack.

Rear Panel Ports:



Figure 3: Rear panel of the Acer U301, showing 4x USB 2.0 Type-A ports, 1x RJ-45 Ethernet, 2x HDMI, 1x USB 3.1 Gen1 Type-B (to laptop), and power input.

4. Setup Instructions

1. **Connect Power:** Plug the provided power cord into the docking station's power input port (located on the rear panel) and then into a wall outlet.
2. **Connect to Laptop:** Use the included USB Type-B to Type-A or USB Type-B to Type-C cable to connect the docking station's USB 3.1 Gen1 Type-B port (rear panel) to an available USB port on your laptop.
3. **Connect Displays:** Connect your monitors to the HDMI ports on the rear panel of the docking station using HDMI

cables. The docking station supports dual displays at 1920x1080 @60Hz.

4. **Connect Peripherals:** Plug your USB devices (keyboard, mouse, external drives) into the available USB 3.1 Gen 1 Type-A ports (front) or USB 2.0 Type-A ports (rear). Connect your Ethernet cable to the RJ-45 port for wired network access. Connect headphones or speakers to the 3.5mm audio jack on the front panel.
5. **Driver Installation (if necessary):** For optimal display functionality, especially with multiple monitors, your system may require DisplayLink drivers. If displays are not functioning correctly, visit the DisplayLink website or your laptop manufacturer's support page to download and install the latest drivers.



Figure 4: The docking station facilitating a dual monitor setup with a laptop.

5. Operating Instructions

Once connected, your Acer U301 Docking Station will extend your laptop's capabilities:

- **Display Modes:** Your operating system's display settings will allow you to configure your connected monitors for extended desktop, mirrored display, or single display modes.

- **USB Device Usage:** All connected USB devices will function as if directly connected to your laptop.
- **Network Connectivity:** The Gigabit Ethernet port provides a stable and fast wired network connection.
- **Audio Output:** Use the 3.5mm audio jack for headphones or external speakers.



Figure 5: A typical desk setup utilizing the docking station for various peripherals.

6. Maintenance

To ensure the longevity and optimal performance of your docking station:

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself. Contact support for assistance.

7. Troubleshooting

- **No Display on Monitor:**
  - Ensure the docking station is powered on and connected correctly to your laptop.
  - Verify that monitor cables are securely connected to both the docking station and the monitors.
  - Check your laptop's display settings to ensure the external monitors are detected and configured correctly (e.g., extended or mirrored).
  - Install or update DisplayLink drivers if prompted or if issues persist.
- **USB Devices Not Recognized:**
  - Try connecting the USB device to a different port on the docking station.
  - Ensure the docking station is properly connected to your laptop.
  - Test the USB device by connecting it directly to your laptop.
- **No Network Connection:**
  - Verify the Ethernet cable is securely connected to the docking station and your router/modem.
  - Check your laptop's network settings.
  - Restart your router/modem and laptop.
- **Audio Issues:**
  - Ensure headphones/speakers are correctly plugged into the 3.5mm audio jack.
  - Check your laptop's audio output settings to ensure the docking station's audio is selected.

8. Specifications

Feature	Detail
Product Dimensions	5.31 x 2.87 x 7.36 inches
Item Weight	1.7 pounds
Model Number	GP.DCK11.00J
Brand	Acer
Color	Gray
Hardware Interface	Ethernet, HDMI, USB, USB 2.0, USB Docking Station
Compatible Devices	Notebook/Monitor
Total USB Ports	6
Total HDMI Ports	2
UPC	195133104975

9. Warranty and Support

The Acer U301 USB 3.0 Docking Station comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the documentation included in your product packaging or visit the official Acer support website. For technical support, troubleshooting assistance, or service inquiries, please contact Acer Customer Service. Contact details can typically be found on the Acer support website or in your product's quick start guide.

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