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ARCADORA X86

ARCADORA 3.5inch Vintage Secondary Screen Monitor X86 User Manual

Model: X86

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your ARCADORA 3.5inch Vintage Secondary Screen Monitor, Model X86. This device functions as a versatile secondary display for computers, offering real-time system monitoring, multimedia playback, and expanded connectivity options.

Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1x Host Unit (ARCADORA 3.5inch Secondary Screen Monitor)
- 1x Silicone Pad
- 1x Connection Cable

3. KEY FEATURES

- **Dual Connection Modes:** Compatible with both laptops and desktop computers.
- **Multifunction Interfaces:** Includes ports for external devices such as keyboards, mice, USB flash drives, mobile hard disks, and mobile phones.
- **Integrated Card Reader:** Supports SD3.0 and TF (MicroSD) flash memory cards.
- **3.5-inch IPS Screen:** Offers a wide viewing angle of up to 178° with accurate color presentation.
- **Versatile Display Functions:** Can display time, weather, electronic photo albums, videos, and song lyrics.
- **PC Hardware Monitoring:** For Windows computers, it can utilize AIDA64 software to monitor hardware performance in real-time.

4. PRODUCT OVERVIEW



Figure 1: Front view of the ARCADORA 3.5inch Secondary Screen Monitor, showing its display with various application icons.

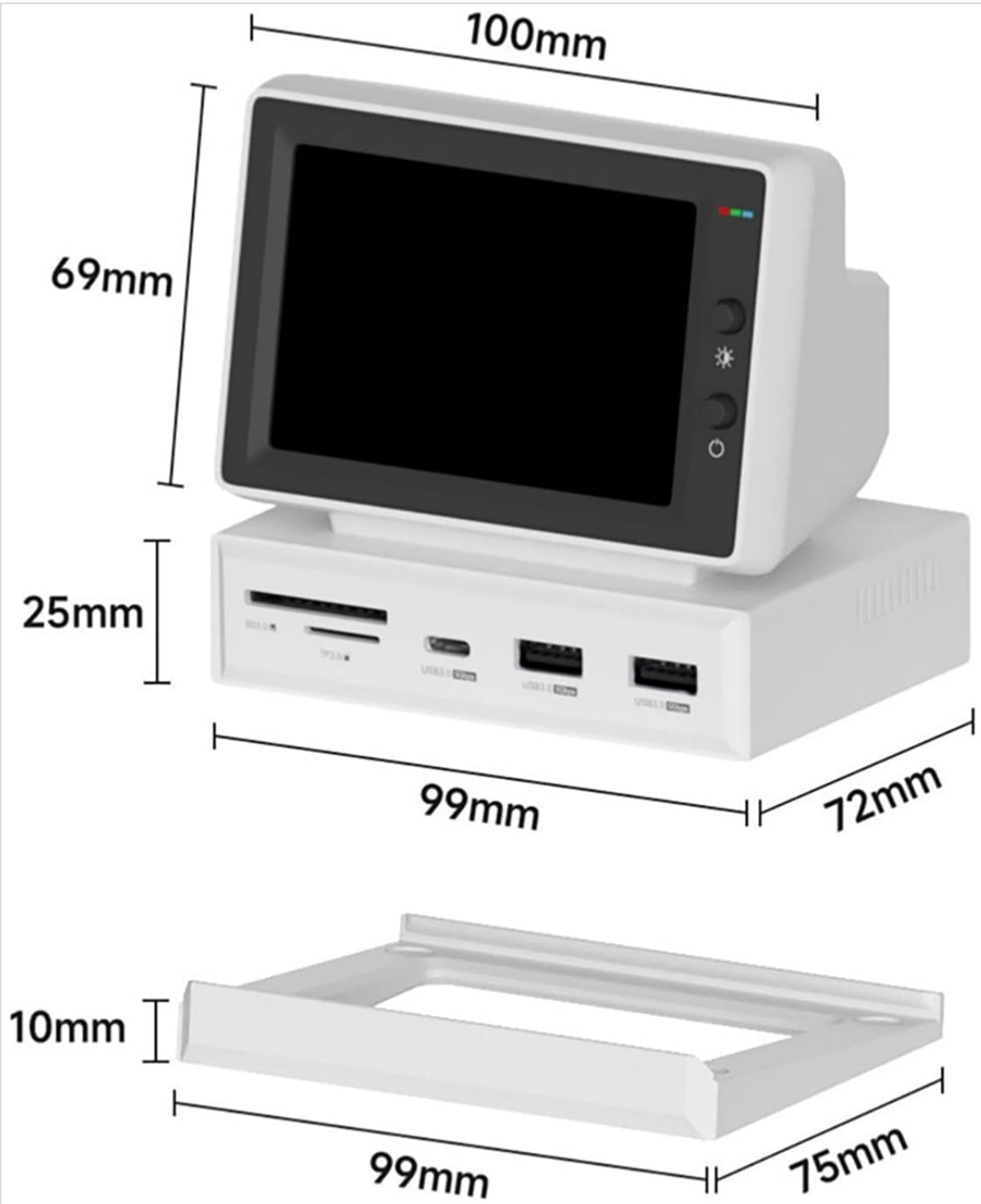


Figure 2: Side view illustrating the brightness adjustment buttons and power switch located on the monitor unit.

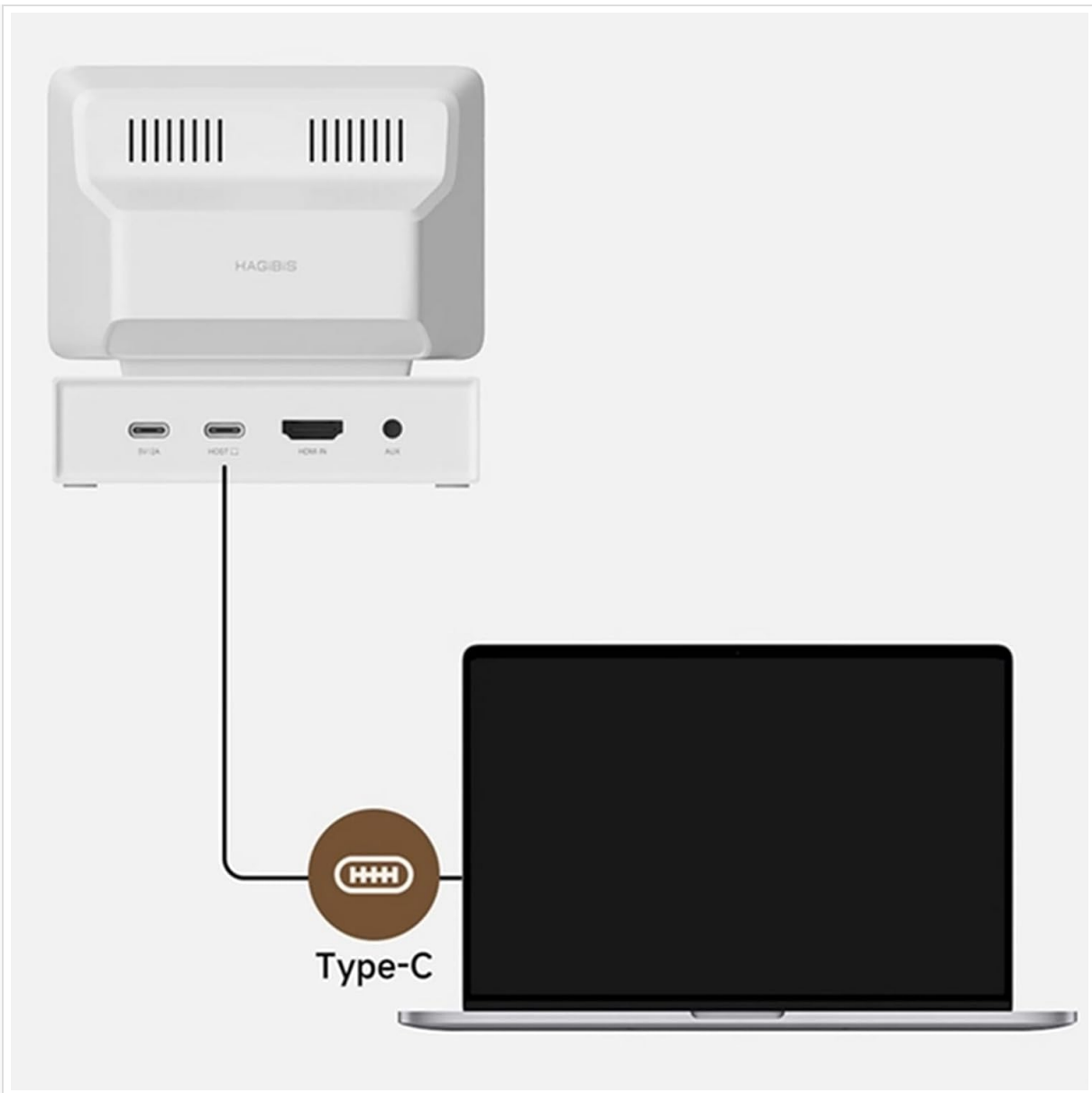


Figure 3: Detailed view of the various input/output ports on the device, including SD (3.0), TF (3.0), USB-C (5Gbps), USB 3.0 (5Gbps), 5V/2A power input, HDMI IN, and 3.5mm audio jack.

5. SETUP INSTRUCTIONS

5.1 Connecting to a Laptop

1. Connect the provided cable from the **HOST** port (USB-C) on the secondary monitor to a compatible USB-C port on your laptop. This single connection typically handles both power and data transmission.
2. Ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode) for the monitor to function as an extended display.
3. If your laptop's USB-C port does not support video output, or if you prefer separate connections, connect an HDMI cable from your laptop's HDMI output to the **HDMI IN** port on the secondary monitor. Then, connect a USB cable from your laptop to the **HOST** port for power and data for the USB hub/card reader functions.

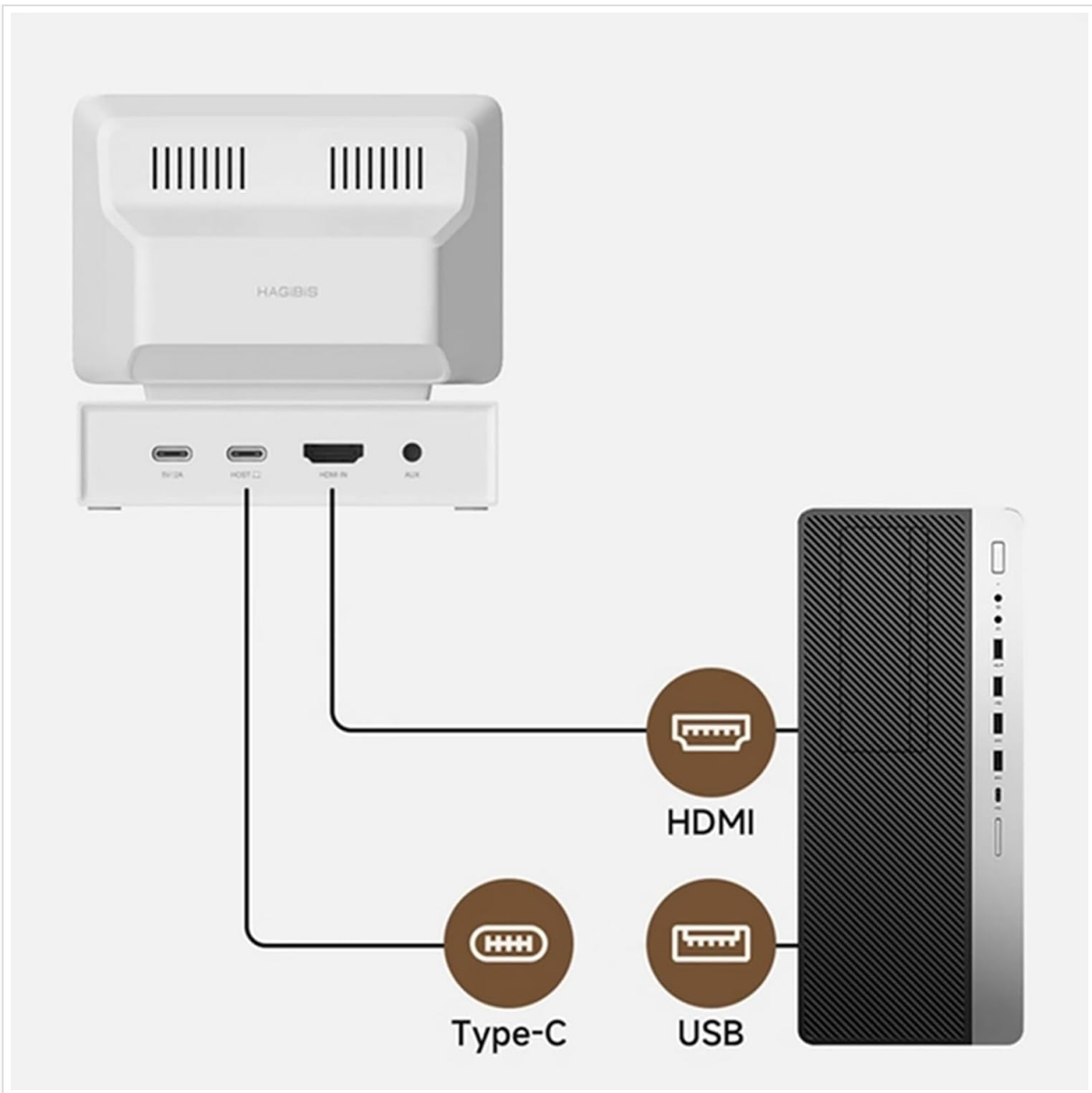


Figure 4: Connection diagram for a laptop using a single USB-C cable for both display and data.

5.2 Connecting to a Desktop PC

1. Connect an HDMI cable from your desktop PC's graphics card output to the **HDMI IN** port on the secondary monitor.
2. Connect a USB cable from an available USB port on your desktop PC to the **HOST** port (USB-C) on the secondary monitor. This connection provides power and enables the integrated USB hub and card reader functionalities.
3. Connect the 5V/2A power adapter (not included, typically a standard USB wall adapter) to the **5V/2A** port on the secondary monitor for stable power delivery, especially when using multiple USB devices.



Figure 5: Connection diagram for a desktop PC using separate HDMI and USB cables.

5.3 Initial Power On and Display Configuration

1. After connecting the monitor, press the power switch on the side of the unit (refer to Figure 2).
2. Your computer should detect the new display. Navigate to your operating system's display settings to configure the secondary monitor.
3. For Windows users, go to *Settings > System > Display* to arrange displays, change resolution (recommended 480x320 pixels), and set display mode (extend, duplicate, or second screen only).

6. OPERATING INSTRUCTIONS

6.1 Basic Display Functions

- **Brightness Adjustment:** Use the dedicated buttons on the side of the monitor to increase or decrease screen brightness (refer to Figure 2).
- **Power On/Off:** Use the power switch on the side to turn the monitor on or off.

6.2 Advanced Display Modes and Multimedia

The monitor supports various display modes and multimedia functions:

- **Time and Weather Display:** Specific software or widgets may be required on your computer to project time and weather information to the secondary screen. Consult your operating system's app store or third-party widget providers.
- **Electronic Photo Album:** You can extend your desktop to the monitor and display a photo slideshow using standard image viewing software.
- **Video Playback:** Extend your desktop and drag video player windows to the secondary screen for video playback.
- **Lyrics Display:** When playing music on your computer, compatible media players can display lyrics on the secondary screen if configured to do so.

6.3 PC Hardware Monitoring (Windows Only)

For Windows computers, the monitor can be used in conjunction with AIDA64 software to display real-time hardware performance data.

1. Download and install AIDA64 Extreme or Engineer edition from the official AIDA64 website (www.aida64.com).
2. Within AIDA64, navigate to *File > Preferences > SensorPanel*.
3. Configure a custom SensorPanel layout to display desired hardware metrics (CPU temperature, GPU usage, RAM usage, etc.).
4. Drag the AIDA64 SensorPanel window to the ARCADORA secondary monitor. Ensure the SensorPanel is set to "Always on top" if desired.

Note: AIDA64 is a third-party software. Refer to AIDA64 documentation for detailed configuration instructions.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the screen and exterior surfaces. For stubborn marks, slightly dampen the cloth with water. Avoid using harsh chemicals, abrasive cleaners, or aerosol sprays.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the monitor with care. Avoid dropping it or subjecting it to strong impacts.

8. TROUBLESHOOTING

8.1 No Display / Black Screen

- **Check Power:** Ensure the monitor is powered on and the power cable (if separate) is securely connected.
- **Check Connections:** Verify that the HDMI and/or USB-C cables are securely connected to both the monitor and your computer. Try re-seating the cables.
- **Computer Display Settings:** On your computer, check display settings to ensure the secondary monitor is detected and configured correctly (e.g., extended or duplicated display mode).
- **Cable Compatibility:** Ensure your USB-C cable supports video output if using a single cable connection.
- **Restart:** Restart your computer and the monitor.

8.2 USB Hub / Card Reader Not Functioning

- **USB Connection:** Ensure the USB-C **HOST** port on the monitor is connected to your computer. This

connection is essential for the hub and card reader.

- **Power Supply:** If connecting multiple power-hungry USB devices, ensure the 5V/2A power input is connected to an external power source.
- **Driver Issues:** On your computer, check Device Manager (Windows) or System Information (macOS) for any unrecognized USB devices or driver errors.

8.3 Image Quality Issues (Flickering, Distorted)

- **Resolution:** Ensure the display resolution on your computer is set to the monitor's native resolution (480x320 pixels) or a compatible resolution.
- **Cable Quality:** Try using a different HDMI or USB-C cable to rule out cable defects.
- **Graphics Driver:** Update your computer's graphics drivers to the latest version.

9. SPECIFICATIONS

Feature	Specification
Model Number	X86
Screen Size	3.5 Inches
Display Type	IPS
Resolution	480 x 320 Pixels
Aspect Ratio	16:10
Viewing Angle	Up to 178°
Input Ports	HDMI IN, USB-C (HOST), 5V/2A Power
Output Ports	3.5mm Audio Jack
USB Hub	USB-C (5Gbps), 2x USB 3.0 (5Gbps)
Card Reader	SD (3.0), TF (3.0)
Product Dimensions	6 x 5 x 3 inches (approximate)
Item Weight	9.6 ounces (approximate)
Manufacturer	ARCADORA

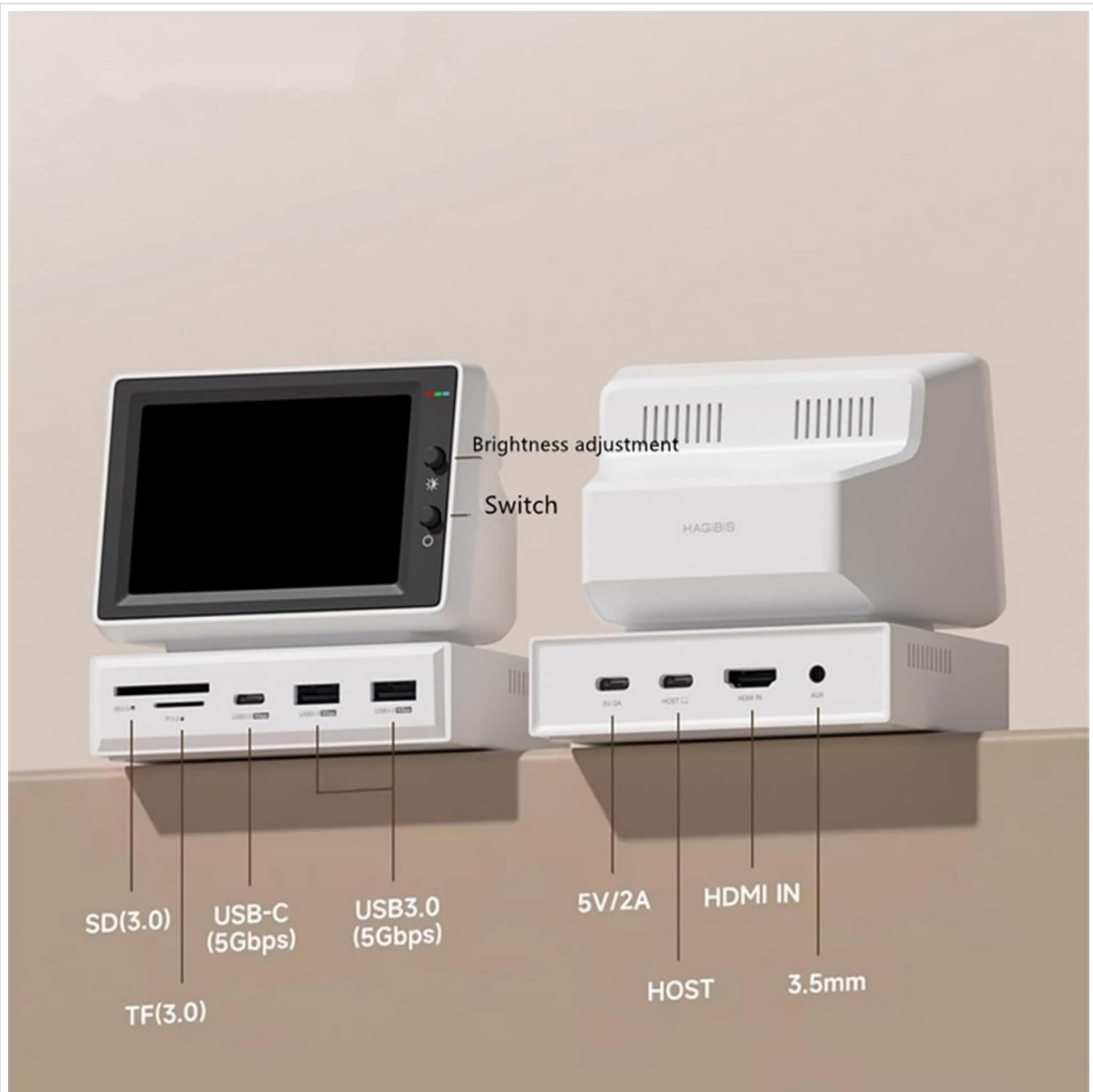


Figure 6: Dimensional drawing of the ARCADORA monitor and its detachable base.

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact ARCADORA customer support.

For technical assistance, troubleshooting, or warranty claims, please contact your retailer or visit the official ARCADORA website for support resources.