

Hagibis X86

Hagibis Mini 3.5-inch IPS USB Screen with USB-C Hub User Manual

Model: X86

1. INTRODUCTION

The Hagibis Mini 3.5-inch IPS USB Screen with USB-C Hub is a versatile 2-in-1 device designed to enhance your computing experience. It combines a compact IPS display with a multi-functional USB-C docking station, offering expanded connectivity and real-time data monitoring capabilities. This manual provides detailed instructions for setup, operation, and maintenance of your device.



Figure 1: Hagibis Mini 3.5-inch IPS USB Screen with USB-C Hub.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present and in good condition.

- 1 x Hagibis Mini Monitor USB C Docking Station
- 1 x Silicone Pad
- 1 x Full Function Cable (USB-C to USB-C)
- 1 x User Manual

Packing List



- 1 Mini Monitor USB C Docking Station 2 Box
3 Silicone Pad 4 Manual 5 Full Function Cable

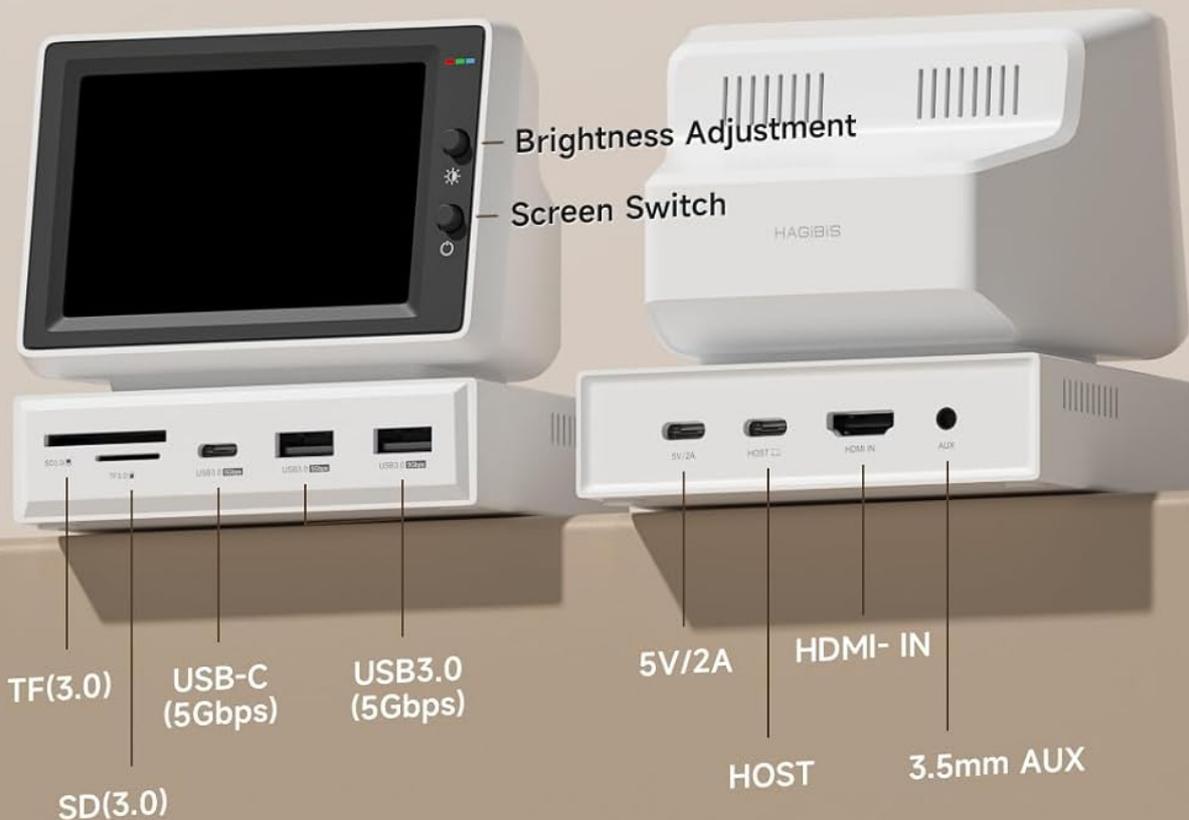
3. PRODUCT FEATURES

- **2-in-1 Design:** Combines a USB-C docking station with a 3.5-inch IPS mini display.
- **IPS Mini Screen:** 3.5-inch IPS display with a wide 178° viewing angle, offering accurate color presentation. Native resolution of 960x640, with virtual resolutions up to 1920x1080 supported.
- **Multi-functional Display:** Capable of showing time, weather, temperature, dynamic wallpapers, electronic photo albums, video playback, floating lyrics, and computer performance monitoring (CPU, RAM, HDD data via AIDA64).
- **Extensive Connectivity:**
 - 2 x USB 3.0 ports (5Gbps)
 - 1 x USB-C port (5Gbps)
 - 1 x SD 3.0 card slot
 - 1 x Micro SD 3.0 card slot
 - 1 x 3.5mm AUX audio port
 - 1 x HDMI-IN port
 - 1 x 5V/2A Power Input port
- **One Cable Connection Mode:** Connects via a single USB 3.1 Gen2 Type-C cable to compatible laptops (Thunderbolt 3/4, USB4, or USB-C with DisplayPort protocol support) for simultaneous display and interface expansion.
- **HDMI-Compatible Mode:** Connects to a computer's USB or Type-C port for power and interface expansion, and uses the HDMI-IN port for secondary screen display.
- **Silicone Pad:** Includes a silicone pad to adjust the device angle by approximately 5 degrees for improved viewing comfort.

4. SETUP GUIDE

4.1 Understanding the Interfaces and Buttons

Multi-functional Interface Physical Buttons



5V/2A: Supplementary power supply port, when the power supply of the expansion port is insufficient, you can connect an external charger.

HDMI-compatible IN: External HDMI-compatible video signal input, does not support output.

Figure 3: Front and rear views of the device highlighting ports and controls.

- **Front Ports:** TF(3.0) card slot, SD(3.0) card slot, USB-C (5Gbps) port, 2 x USB3.0 (5Gbps) ports.
- **Rear Ports:** 5V/2A Power Input, HDMI-IN, HOST (USB-C), 3.5mm AUX.
- **Side Buttons:** Brightness Adjustment knob, Screen Switch button.

Note: The 5V/2A power input is a supplementary power supply port. If the power supply from the expansion port is insufficient, connect an external charger here. The HDMI-compatible IN port is for external video signal input and does not support output.

4.2 Connection Modes

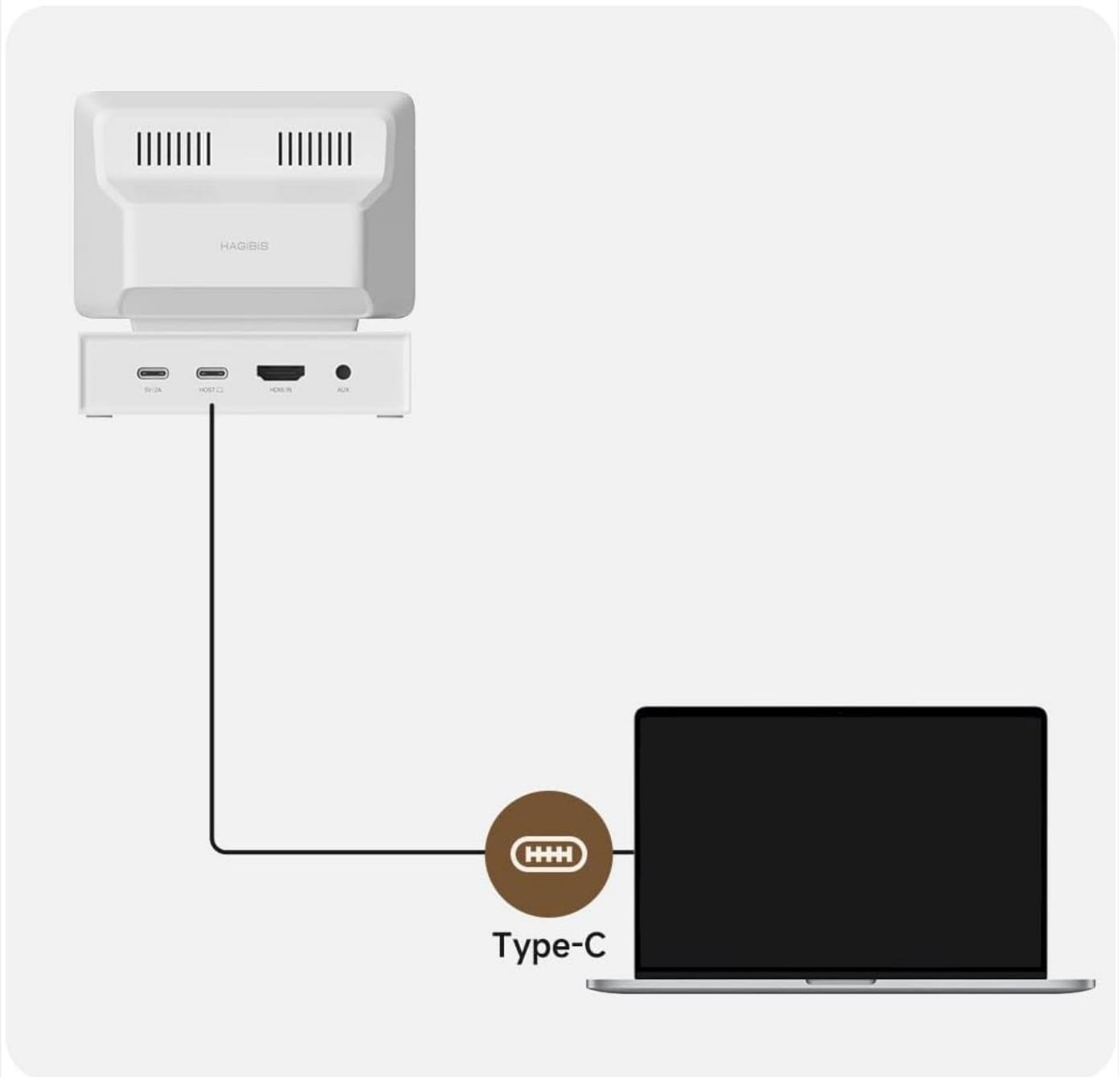
4.2.1 One Cable Connection Mode (USB-C)

This mode allows simultaneous display on the mini screen and expansion of interfaces using a single USB-C cable.

1. Connect one end of the provided Full Function Cable (USB-C) to the **HOST** port on the Hagibis Mini Monitor.
2. Connect the other end of the cable to a compatible USB-C port on your laptop or PC.

Important: The USB-C interface on your computer must support Thunderbolt 3/4, USB4, or a USB-C port that supports the DisplayPort (DP) protocol for this mode to function correctly.

One Cable Connection Mode



Full-featured cable connecting **HOST port** and **Laptop Type-C port**.
One cable can simultaneously realize the secondary screen display and interface expansion

For example: Thunderbolt 3/4, USB4 or full-featured Type-C port that supports DisplayPort (DP) protocol.

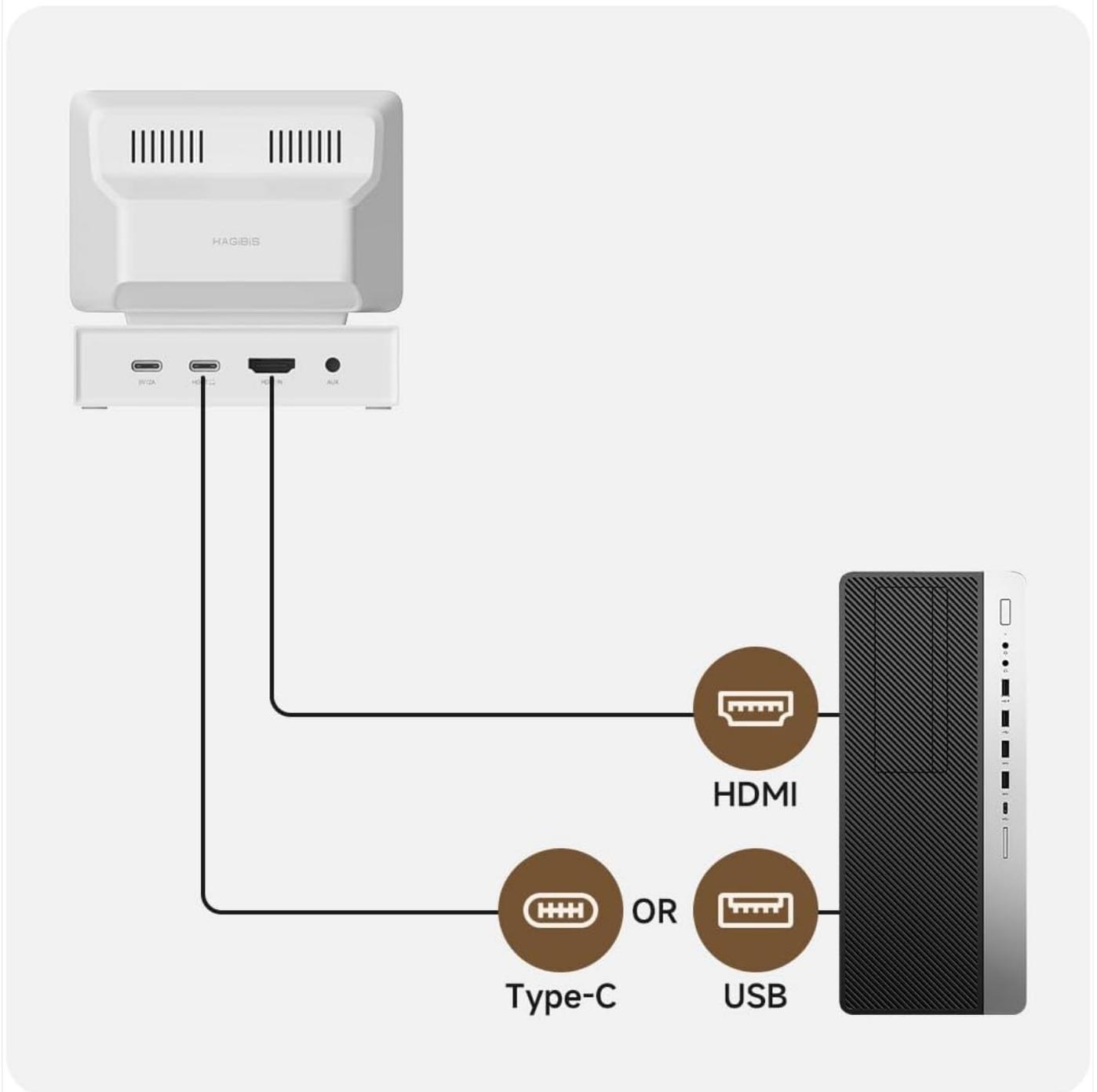
Figure 4: Connecting the device to a laptop via a single USB-C cable for display and hub functionality.

4.2.2 HDMI-Compatible Mode

This mode is used when your computer does not have a full-featured USB-C port or you prefer to use HDMI for video output.

1. Connect a standard USB cable from your computer's USB-A or USB-C port to the **HOST** port on the Hagibis Mini Monitor for power and data transfer (for the hub functions).
2. Connect an HDMI cable from your computer's HDMI output port to the **HDMI-IN** port on the Hagibis Mini Monitor for video display.

HDMI-Compatible Mode



HOST port Connects to computer **USB port** or **Type-C port** for screen power supply and interface expansion.

HDMI-compatible IN port Connects to the **computer's HDMI-compatible video port** for secondary screen display.

Figure 5: Connecting the device to a desktop PC using separate USB and HDMI cables.

4.3 Initial Power On and Display Settings

Once connected, the mini screen should power on automatically. You may need to adjust display settings on your computer.

- **Windows:** Go to Display Settings (right-click desktop > Display settings). You can extend or duplicate your main display to the Hagibis Mini Monitor. Adjust resolution as needed.
- **macOS:** Go to System Settings > Displays. Arrange displays and set resolution.

Mini Monitor 3.5-inch IPS Screen

IPS screen with wider viewing angle, up to 178° viewing angle. Different viewing angles, the same accurate color presentation.



System Adjustable Resolution

Windows computers	480x320 ~ 1920x1080
MacOS computers (pre-2019)	480x320 ~ 1920x1080
MacOS computers (after 2019)	800x600 ~ 1920x1080

Tip: The screen native resolution is 480x320, higher than 480x320 resolution is the virtual resolution, in order to be compatible with more computers, easy to operate, some computers can be differences.

Figure 6: The mini monitor displaying content, with a table indicating supported resolutions for Windows and macOS.

Resolution Note: The native resolution of the IPS screen is 960x640. Resolutions higher than 960x640 are virtual resolutions. Compatibility may vary slightly with different computer systems.

5. OPERATING INSTRUCTIONS

5.1 Using the Docking Station Features

The integrated docking station provides convenient access to various peripherals.

Multi-port Docking Station

Rich interfaces for external keyboard, mouse, U disk, hard disk, Cell phone and SD/TF flash memory card and other devices.



Figure 7: The device functioning as a multi-port docking station, connecting various external devices.

- **USB Ports:** Connect external keyboards, mice, USB drives, or other USB devices to the USB 3.0 or USB-C ports.
- **Card Readers:** Insert SD or Micro SD cards into the respective slots for data transfer.
- **Audio Output:** Connect headphones or speakers to the 3.5mm AUX port for audio output from the connected computer.

5.2 Adjusting Display Settings on the Device

- **Brightness Adjustment:** Use the Brightness Adjustment knob on the side of the device to increase or decrease the screen brightness.
- **Screen Switch:** Press the Screen Switch button to cycle through different display modes or turn the screen on/off.

5.3 Utilizing the Silicone Pad

The included silicone pad can be used to adjust the viewing angle of the mini monitor.

With silicone soft cushion 2 heights to choose from



With Silicone Pad

The angle can be raised approximately 5 degrees



Without Silicone Pad

Figure 8: The device shown with and without the silicone pad, illustrating the 5-degree angle increase when the pad is used.

- To increase the angle by approximately 5 degrees, place the silicone pad underneath the main unit.
- For a flat placement, simply use the device without the silicone pad.

6. MAINTENANCE

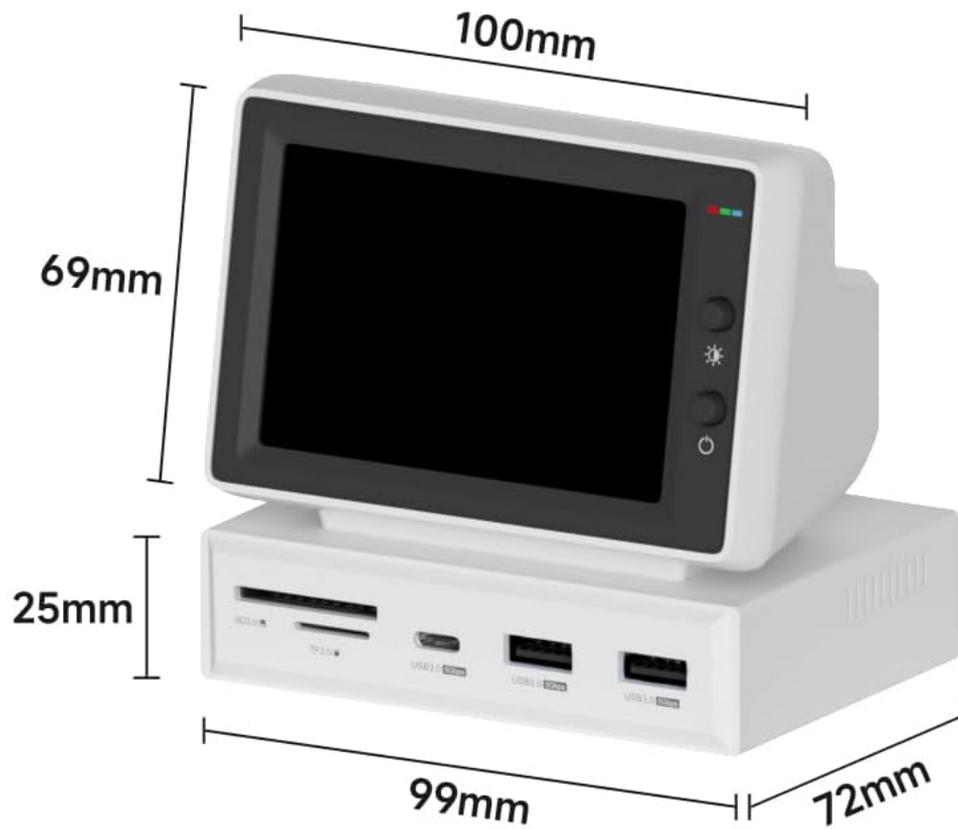
- **Cleaning:** Use a soft, dry, lint-free cloth to clean the screen and exterior surfaces. Do not use liquid cleaners or aerosol sprays directly on the device.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the unit, as this will void the warranty.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Screen does not turn on.	No power or incorrect connection.	<ul style="list-style-type: none">◦ Ensure the USB-C cable is securely connected to both the device's HOST port and your computer.◦ Verify your computer's USB-C port supports DisplayPort (DP) protocol if using one-cable mode.◦ If using HDMI mode, ensure both USB and HDMI cables are connected.◦ Try connecting an external 5V/2A power adapter to the device's power input port.
Display is flickering or distorted.	Cable issue, resolution mismatch, or insufficient power.	<ul style="list-style-type: none">◦ Use the provided full-function cable.◦ Adjust the display resolution on your computer to a lower setting (e.g., 960x640 or 800x600) to test.◦ Ensure sufficient power is supplied, especially if multiple peripherals are connected to the hub. Connect an external 5V/2A power adapter if needed.
USB ports or card readers are not working.	Driver issue, insufficient power, or incorrect connection.	<ul style="list-style-type: none">◦ Ensure the main USB-C connection to your computer is stable.◦ Connect an external 5V/2A power adapter to the device.◦ Try connecting the device to a different USB port on your computer.◦ Check your computer's Device Manager (Windows) or System Information (macOS) for any driver issues.
No audio from 3.5mm AUX port.	Audio output settings on computer.	<ul style="list-style-type: none">◦ Ensure the audio output device is set to the "Hagibis Mini Monitor" or "USB Audio Device" in your computer's sound settings.◦ Check volume levels on both the computer and the connected audio device.

8. SPECIFICATIONS

Product Parameters



Brand: HAGiBiS

Name: Mini Monitor
USB C Docking Station

Color: White

Material: ABS

Applicable: Tablets / PCs

Cable length: 1m

Figure 9: Product dimensions and basic parameters.

Brand	Hagibis
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Model Number	X86
Color	White
Screen Size	3.5 inches
Screen Type	IPS
Native Resolution	960 x 640
Max Supported Resolution	1920 x 1080 (Virtual)
Interface Hardware	USB 3.1 Type C (HOST), HDMI-IN, 2x USB 3.0, 1x USB-C (5Gbps), SD 3.0, Micro SD 3.0, 3.5mm AUX, 5V/2A Power Input
Data Transfer Rate	5 Gigabits per second (USB 3.0/USB-C)
Compatible Devices	MacBook Air, MacBook Pro, Microsoft Surface Go 2, PCs with compatible USB-C or HDMI ports
Material	ABS
Product Dimensions (L x W x H)	9.9 x 7.1 x 9.4 cm (approx. 3.9 x 2.8 x 3.7 inches)
Item Weight	8.8 Ounces (approx. 249 grams)

9. WARRANTY AND SUPPORT

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

Manufacturer: Shanghai Xinxie Industrial Co., Ltd.



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Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013 with regard to energy labelling of electronic displays

Parameter	Parameter or value and precision	UNIT
1. Supplier's name or trademark	TRAGUS	
2. Supplier's address	ENIPFCAGUSOR, MIHAL Buc-42, Scara 1, Etaj 5, Apartment 29, 22882 Bu- curesti Sectorul 2, Romania	
3. Model identifier	X86	
4. Energy Efficiency Class for Standard Dynamic Range (SDR)	A	
5. On mode power demand in SDR	1.5	W
6. Energy Efficiency Class for High Dynamic Range (HDR)	n.a	
7. On mode power demand in HDR, if implemented	n.a	W
8. On mode power demand, if applicable	1.5	W
9. Standby mode power demand, if applicable	0.0	W
10. Networked standby mode power demand, if applicable	n.a	W
11. Electronic display category	Monitor	
12. Size ratio	3 2	
13. Screen resolution	960 x 640	pixels
14. Screen diagonal	8.9	cm
15. Screen diagonal	4	inches
16. Visible screen area	37.0	dm ²
17. Panel technology used	LED LCD	
18. Automatic Brightness Control (ABC) available	No	
19. Voice recognition sensor available	No	
20. Ambient light sensor available	No	
21. Image refresh frequency rate (default)	50	Hz
22. Minimum guaranteed availability of software and firmware updates from the date of end of the placement on the market	5	Years
23. Minimum guaranteed availability of spare parts from the date of end of the placement on the market	5	Years
24. Minimum guaranteed product support	5	Years
25. Minimum duration of the general guarantee offered by the supplier	5	Years
26. Power supply type	Internal	
27. External power supply (non standardised and included in the product box)		

[pdf] Label

Product Information Sheet 5 hours ago — Input voltage V iii Output External standardised power supply or suitable one if not included in the product box i ii Required output

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Product Information Sheet COMMISSION DELEGATED REGULATION EU

2019/2013 with regard to energy labe ... Bloc 42, Scara 1, Etaj 5, Apartament 29, 22882 Bucuresti Sectorul 2, Romania 2. Model identifier **X86** 3. Energy Efficiency Class for Standard Dynamic Range A SDR 4. On mode power demand in SDR ... lang:en score:13 filesize: 68.27 K page_count: 2 document date: 2025-03-17