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› Pomya 8.8 Inch PC Sensor Panel Display User Manual

Pomya Pomyaom2pu1yd79

Pomya 8.8 Inch PC Sensor Panel Display User Manual

Model: Pomyaom2pu1yd79

1. INTRODUCTION

The Pomya 8.8 Inch PC Sensor Panel Display is designed to provide real-time monitoring of your computer's hardware data. This external expansion display offers a clear, high-resolution view of critical system information such as CPU and GPU temperature, usage, memory data, network speed, and more. It is compatible with RasPi, Linux, and Windows operating systems.

This manual will guide you through the installation, operation, and maintenance of your new display.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Computer Temp Monitor (8.8 Inch Display)
- 1 x HD Multimedia Interface Cable
- 1 x USB Cable
- 1 x Holder



Image: Contents of the Pomya 8.8 Inch PC Sensor Panel Display package, showing the display unit, an HDMI cable, a USB cable, and a black stand.

3. PRODUCT SPECIFICATIONS

Feature	Specification
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Feature	Specification
Material	Aluminium Alloy, LCD
Screen Size	8.8 Inch
Resolution	1920x480
Refresh Rate	60Hz
Thickness	Approx. 10mm / 0.4in
Viewing Angle	All Sight IPS (170° Full View)
Ports	Micro USB + MINI HD Multimedia Interface
System Compatibility	RasPi, Linux, Windows
Aida64 Support	Yes (Software Download Required)
Screen Layout	Supports Landscape/Portrait, 360 Degree Rotation
Power Saving	Auto Screen Off after Shutdown
Brightness	Stepless Adjustment
Product Dimensions	Approx. 235 x 68 x 18mm / 9.3 x 2.7 x 0.7in
Item Weight	1.19 pounds



Image: The Pomya 8.8 Inch PC Sensor Panel Display showcasing its ability to monitor various computer hardware statistics in a graphical interface.

4. SETUP AND INSTALLATION

4.1 Physical Connection

1. **Attach the Holder:** If using the included holder, securely attach the display to the holder. The holder allows for flexible positioning on your desk.



2020/10/17

11:20:48

S 2600

COMPUTER DATA

2080 TI

CPU
TEMP °C

34

11

CPU
USAGE %

CPU Package 25.46 W

GPU
TEMP °C

31

61

MEMORY
USAGE %

GPU TOP% 3%

FAN:

CPU/FAN 1036 RPM

CPU/FAN 1185 RPM

C: 使用率

86%

以用大小

85.1 GB

可用大小

14.9 GB



Image: The Pomya 8.8 Inch PC Sensor Panel Display in a vertical orientation, attached to its black stand.

2. **Connect HD Multimedia Interface Cable:** Connect one end of the provided HD Multimedia Interface cable to the MINI HD Multimedia Interface port on the display and the other end to an available HD Multimedia Interface port on your computer's graphics card or motherboard.
3. **Connect USB Cable:** Connect the Micro USB end of the provided USB cable to the Micro USB port on the display. Connect the standard USB-A end to an available USB port on your computer. This cable provides power to the display.



Image: A diagram illustrating the simple USB plug-and-play connection for the display, showing the display, a USB-C to USB-A cable, and a computer.

4. **Alternative Installation (Inside PC Case):** The display can also be installed inside a computer case. Ensure proper ventilation and secure mounting if choosing this option.

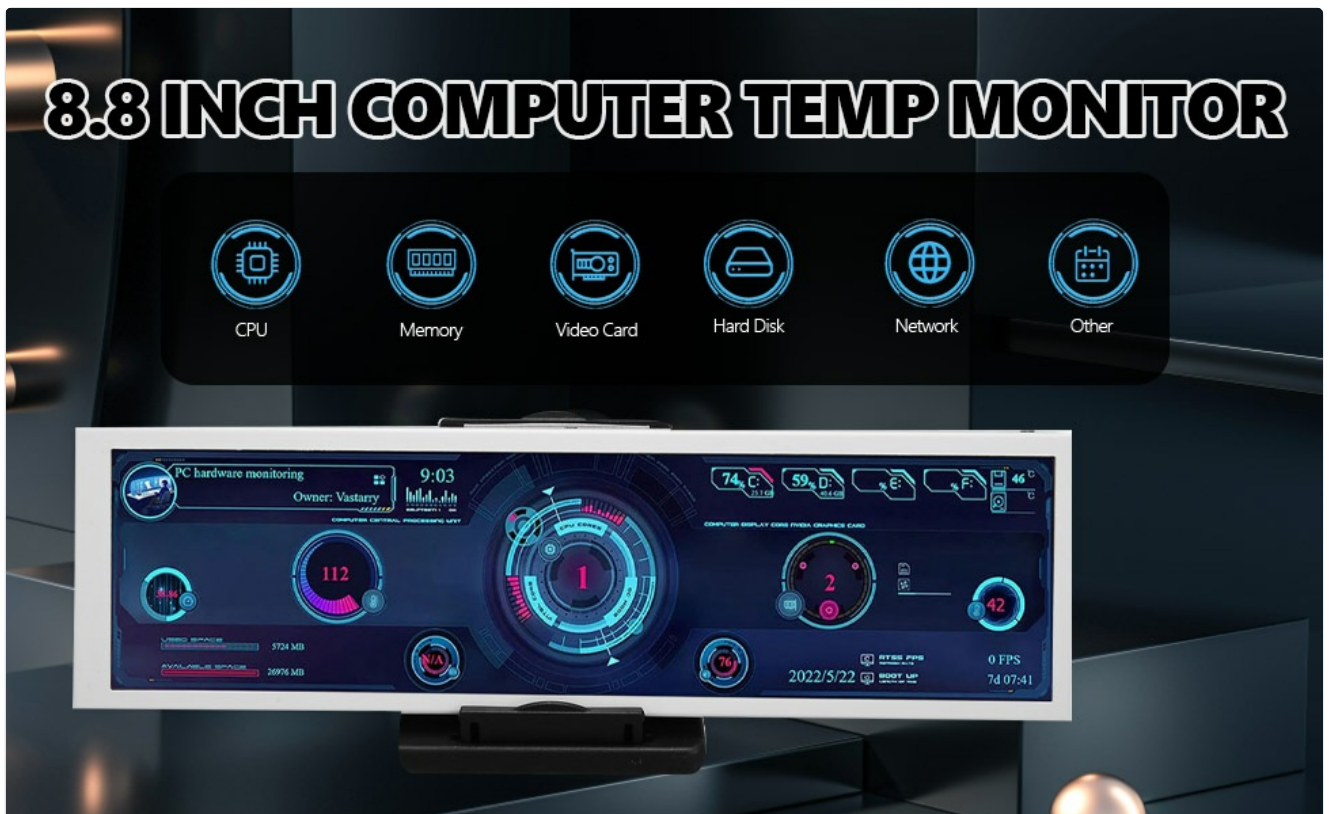


Image: A computer case with the Pomya 8.8 Inch PC Sensor Panel Display integrated horizontally at the bottom, showcasing its use as an internal secondary screen.

4.2 Software Configuration (Windows Example)

For detailed hardware monitoring, software like Aida64 (not included) is recommended. Follow these general steps:

1. **Install Aida64:** Download and install Aida64 Extreme or a similar hardware monitoring software.
2. **Configure Display Settings:**
 - Right-click on your desktop and select "Display settings".
 - Ensure the 8.8-inch display is detected as a secondary monitor.
 - Adjust resolution to 1920x480 if not automatically set.
 - Set display orientation (Landscape or Portrait) as desired. The display supports 360-degree rotation.
3. **Configure Aida64 SensorPanel:**
 - Open Aida64 and navigate to **File > Preferences > SensorPanel**.
 - Enable SensorPanel and configure the desired sensors (CPU temperature, GPU usage, etc.) to be displayed.
 - Drag the SensorPanel window to the 8.8-inch display.
 - Utilize the visual theme editor within Aida64 to customize the layout and appearance of your monitoring data.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The display powers on automatically when connected to a powered USB port and receives a video signal. It will automatically turn off when the connected computer shuts down, conserving energy.
- **Brightness Adjustment:** The display features stepless brightness adjustment. Specific controls for this are typically managed through your operating system's display settings or the monitoring software used (e.g., Aida64).
- **Orientation Switching:** The display supports both landscape and portrait orientations, along with 360-degree rotation. This can be configured in your operating system's display settings.



Image: The Pomya 8.8 Inch PC Sensor Panel Display showcasing a horizontal layout of system data, including CPU, GPU, and memory information.





Image: The Pomya 8.8 Inch PC Sensor Panel Display showcasing a vertical layout of system data, including CPU, GPU, and memory information.

5.2 Monitoring Functions

The display can show a wide range of computer data, including but not limited to:

- CPU Temperature and Usage

- GPU Temperature and Usage
- Memory (RAM) Usage
- Disk Drive Data (e.g., free space)
- Internet Speed
- Date and Time
- Volume
- Weather Forecast (requires software configuration)



Image: The Pomya 8.8 Inch PC Sensor Panel Display presenting a comprehensive dashboard with real-time PC hardware monitoring data, including CPU, GPU, and memory statistics.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry, anti-static cloth to gently wipe the screen and casing. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the display in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure cables are not kinked or under excessive tension to prevent damage to the ports and cables.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display not turning on.	No power or loose USB connection.	◦ Ensure the USB cable is securely connected to both the display and a powered USB port on your computer. ◦ Try a different USB port or cable.

Problem	Possible Cause	Solution
No signal on display.	Loose HD Multimedia Interface cable or incorrect display settings.	◦ Verify the HD Multimedia Interface cable is firmly connected to both the display and your computer's graphics output. ◦ Check your computer's display settings to ensure the display is detected and extended/duplicated. ◦ Ensure your graphics drivers are up to date.
Monitoring data not showing or incorrect.	Monitoring software not installed, configured incorrectly, or not running.	◦ Install and configure Aida64 (or similar software) as described in Section 4.2. ◦ Ensure the SensorPanel feature is enabled and configured within your monitoring software. ◦ Restart the monitoring software and/or your computer.
Display flickers or shows artifacts.	Faulty cable, driver issue, or power instability.	◦ Try replacing the HD Multimedia Interface and/or USB cables. ◦ Update your graphics drivers. ◦ Ensure the USB port provides sufficient power. Try a different USB port.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Pomya website or contact your retailer. Keep your purchase receipt as proof of purchase.

For further assistance, you may also consult online communities or forums dedicated to PC hardware monitoring and secondary displays.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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