



AIO Liquid Cooler Polychrome DISPLAY

User Guide

Version 1.0

Published March 2026

Copyright©2026 ASRock INC. All rights reserved.

Version 1.0

Published March 2026

Copyright©2026 ASRock INC. All rights reserved.

Copyright Notice:

No part of this documentation may be reproduced, transcribed, transmitted, or translated in any language, in any form or by any means, except duplication of documentation by the purchaser for backup purpose, without written consent of ASRock Inc.

Products and corporate names appearing in this documentation may or may not be registered trademarks or copyrights of their respective companies, and are used only for identification or explanation and to the owners' benefit, without intent to infringe.

Disclaimer:

Specifications and information contained in this documentation are furnished for informational use only and subject to change without notice, and should not be constructed as a commitment by ASRock. ASRock assumes no responsibility for any errors or omissions that may appear in this documentation.

To the extent permitted by law, with respect to the contents of this documentation, ASRock does not provide warranty of any kind, either expressed or implied, including but not limited to the implied warranties or conditions of merchantability or fitness for a particular purpose. In no event shall ASRock, its directors, officers, employees, or agents be liable for any indirect, special, incidental, or consequential damages (including damages for loss of profits, loss of business, loss of data, interruption of business and the like), even if ASRock has been advised of the possibility of such damages arising from any defect or error in the documentation or product.

Contact Information:

If you need to contact ASRock or want to know more about ASRock, you're welcome to visit ASRock's website at <http://www.asrock.com>; or you may contact your dealer for further information. For technical questions, please submit a support request form at <https://event.asrock.com/tsd.asp>

ASRock Incorporation

e-mail: info@asrock.com.tw

ASRock EUROPE B.V.

e-mail: sales@asrock.nl

ASRock America, Inc.

e-mail: sales@asrockamerica.com

Introduction

Polychrome DISPLAY is a system monitoring and display utility that provides real-time hardware information and customizable LCD screen. The application interface consists of three main tabs: Overview, Hardware, and Device. This user guide describes the functions and settings available in each tab.



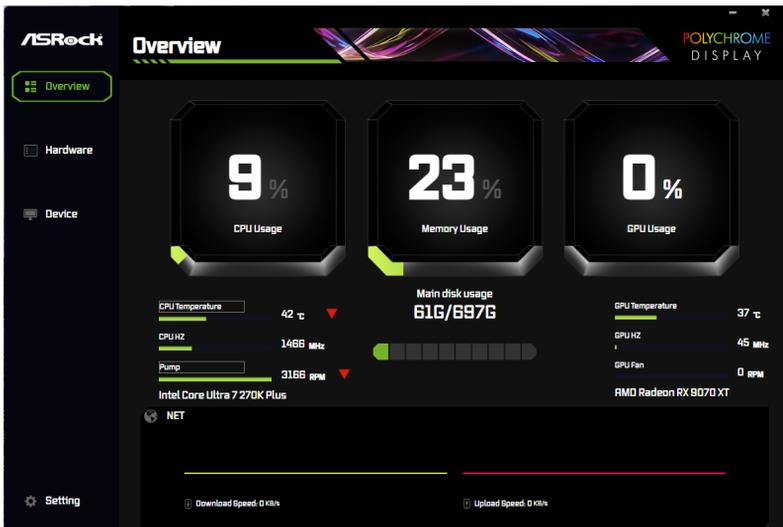
Because the software might be updated, the content of this documentation will be subject to change without notice.



NEVER install Polychrome DISPLAY and SignalRGB at the same time; otherwise, software conflicts may cause the LCD display to malfunction. To ensure proper operation, please make sure that only Polychrome DISPLAY is installed on your system.

Overview Tab

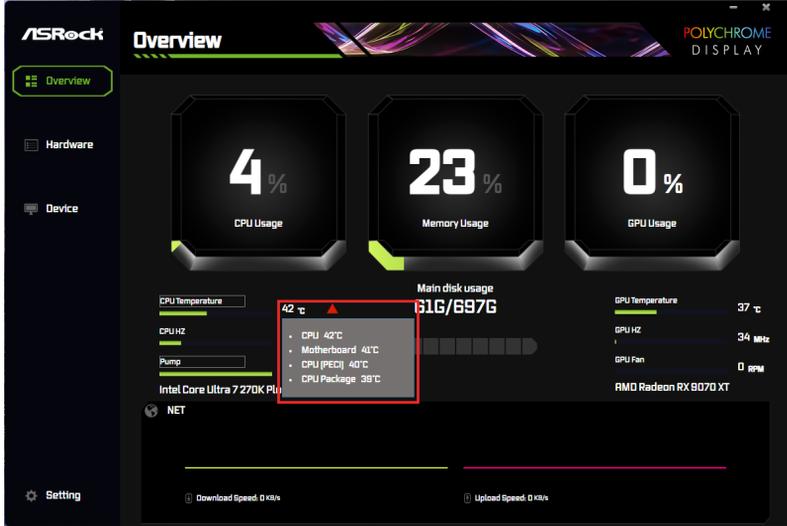
System Information: This page displays information for various devices, including CPU usage, GPU usage, frequency, temperature, and voltage.



Setting display for CPU temperature

Please select the CPU temperature sensor you would like to display on the LCD panel. The selected sensor will be used when “CPU Temperature” is chosen in the LCD Customization page.

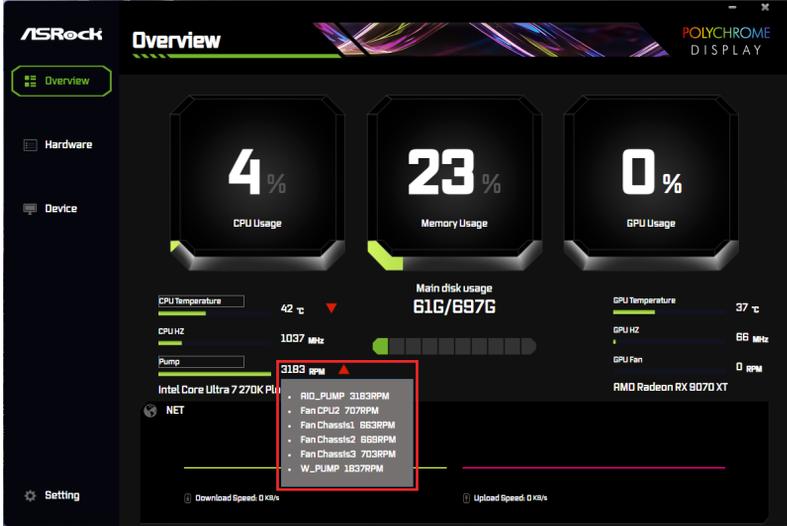
Click the drop-down menu and choose the CPU sensor you want to monitor.



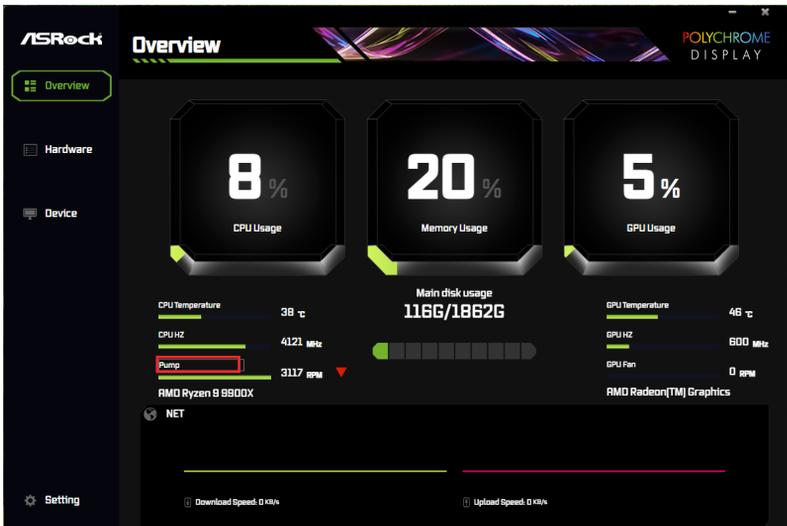
Setting display for AIO pump speed

Please select the fan header connected to the AIO pump so that the LCD panel can display the pump RPM. The selected sensor will be used when “Pump Speed” is chosen in the LCD Customization page.

Click the drop-down menu and choose the fan header connected to the AIO pump.

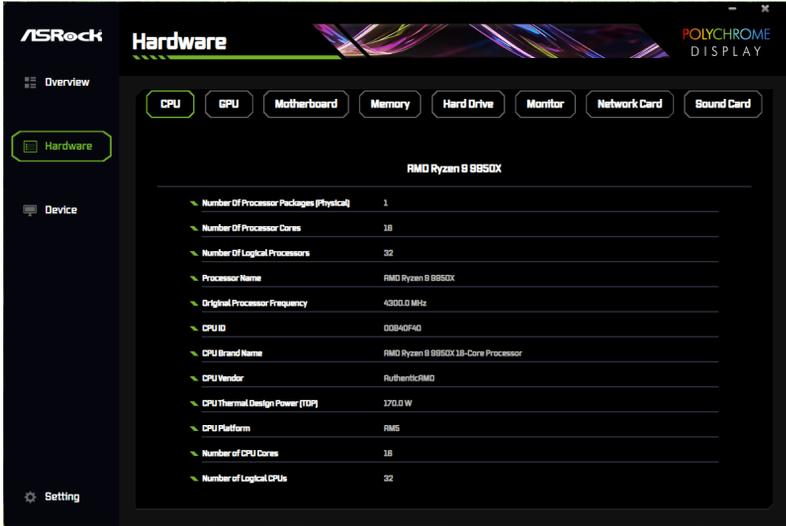


You may also customize the pump display name if needed.



Hardware Tab

This page displays the hardware information of this system, including the CPU, GPU, motherboard, memory, hard drive, monitor, network card, and sound card.

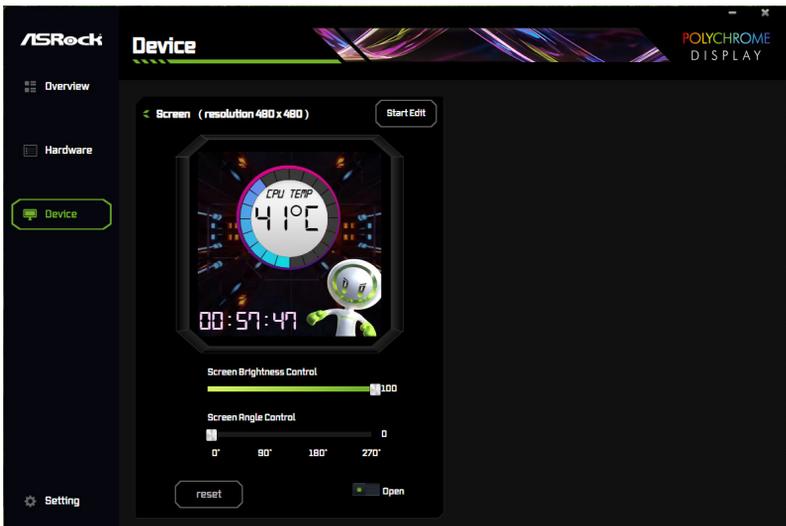


The screenshot shows the ASRock BIOS 'Hardware' tab. The interface includes a sidebar with 'Overview', 'Hardware', and 'Device' options, and a 'Setting' icon at the bottom left. The main content area displays the 'AMD Ryzen 9 8950X' processor details in a table format.

AMD Ryzen 9 8950X	
Number Of Processor Packages (Physical)	1
Number Of Processor Cores	16
Number Of Logical Processors	32
Processor Name	AMD Ryzen 9 8950X
Original Processor Frequency	4300.0 MHz
CPU ID	00B40F40
CPU Brand Name	AMD Ryzen 9 8950X 16-Core Processor
CPU Vendor	AuthenticAMD
CPU Thermal Design Power (TDP)	170.0 W
CPU Platform	RM5
Number of CPU Cores	16
Number of Logical CPUs	32

Device Tab

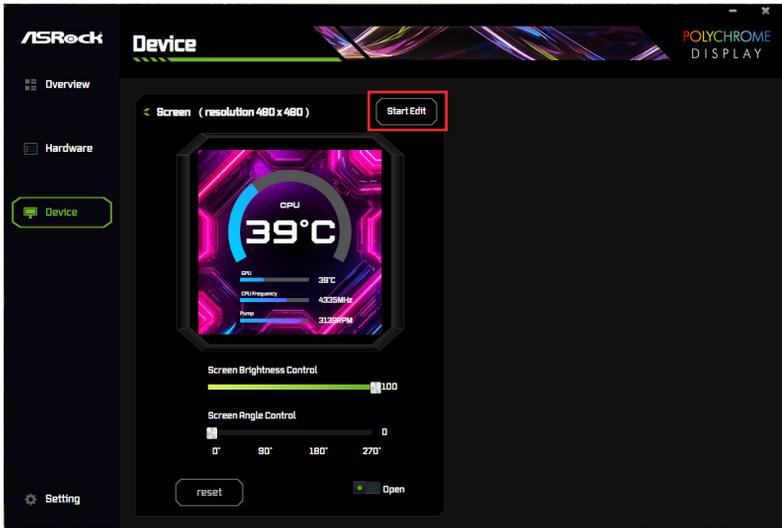
Screen (Resolution 480x480): This item allows users to configure the content displayed on the LCD screen. Available options include adjusting screen brightness and screen rotation.



The screenshot shows the ASRock BIOS 'Device' tab, specifically the 'Screen (resolution 480 x 480)' configuration page. The interface includes a sidebar with 'Overview', 'Hardware', and 'Device' options, and a 'Setting' icon at the bottom left. The main content area features a 'Start Edit' button and a preview window showing a screen with a CPU temperature gauge (41°C), a digital clock (00:57:47), and a small robot character. Below the preview are sliders for 'Screen Brightness Control' (set to 100) and 'Screen Angle Control' (set to 0°). A 'reset' button and an 'Open' checkbox are also visible.

Editing the display content

Click the “Start Edit” button to enter display content editing mode.



Option 1- Using preset themes

Polychrome display offers many preset themes available for use. You can quickly select a preset theme.



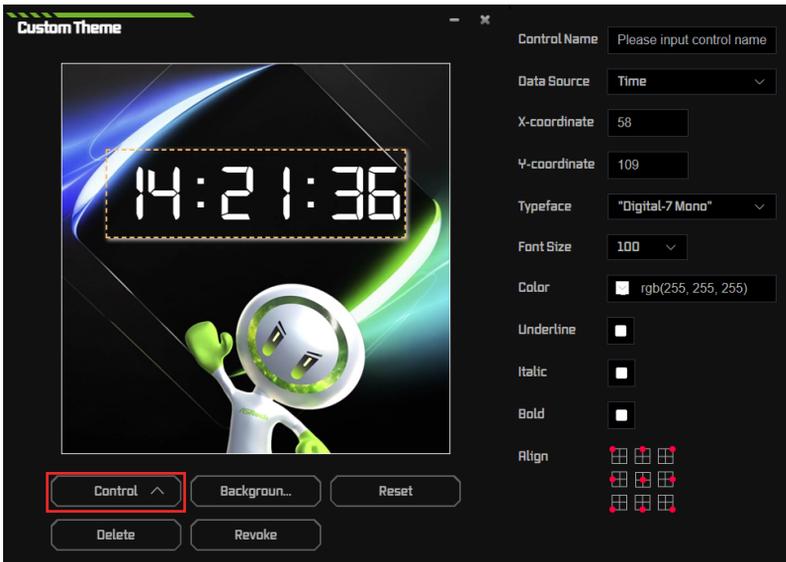
Option 2- Editing the layout based on preset themes

You can also start with preset theme and adjust the layout to match your preferences. Please click the Edit icon highlighted in the red box and select a preset theme to edit.



Now you can add display elements below from the “Control” panel..

- Text
- Data: Time or System information
- Curved Strip: System information
- Status Bar: System information
- Chart: System information
- Icon: Small Picture
- Line: Static line for decoration



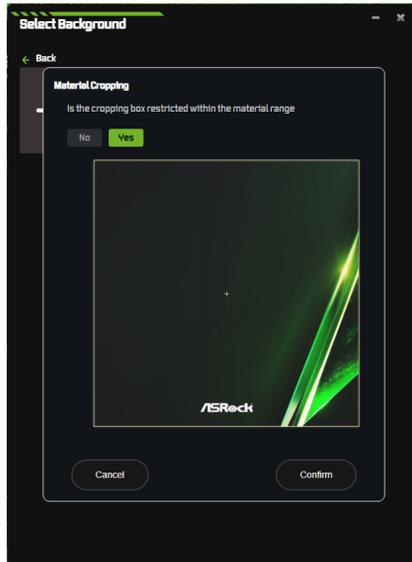
Option 3- Customizing your theme

If you prefer to fully customize your UI designs, click the Edit icon highlighted in the red box to create a custom theme.



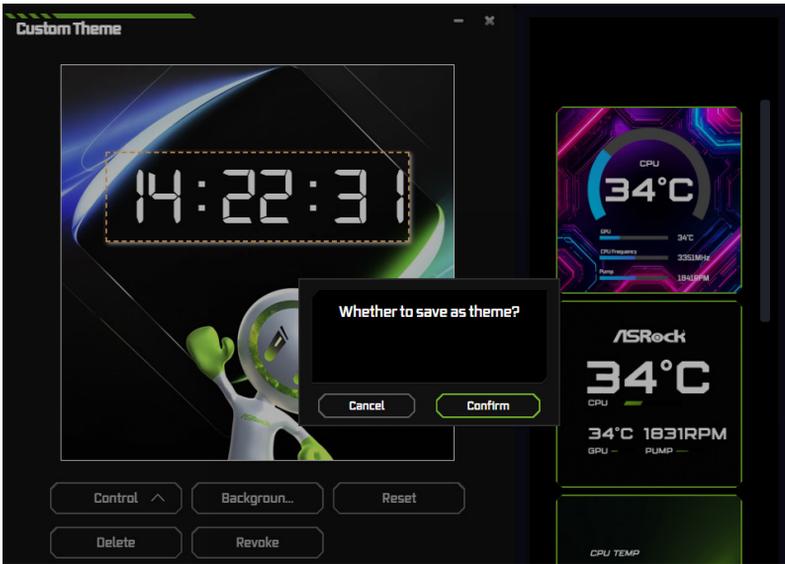
Background Media Specifications:

- Supported Formats: .png, .jpg, .mp4, .gif, .avi
- Maximum File Size: 20 MB
- Maximum Resolution: 1080p



Saving your theme

After you finish the customization, select "Save as" to save the theme.

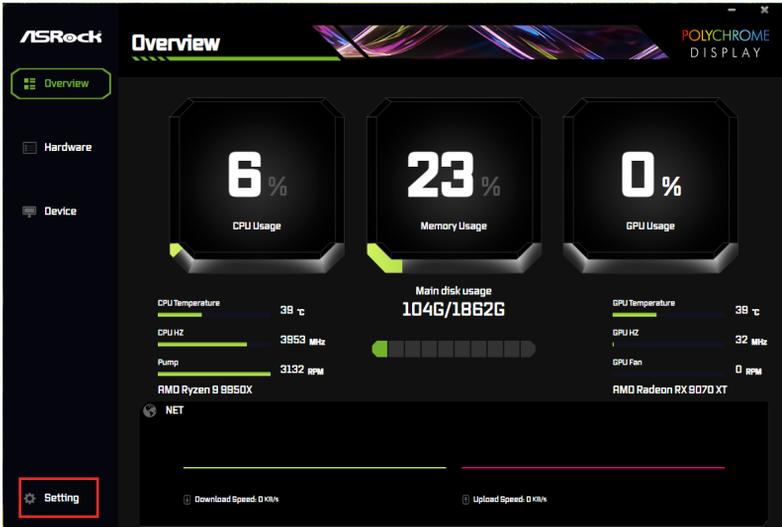


Your customized theme will be saved and displayed as the last preset theme.

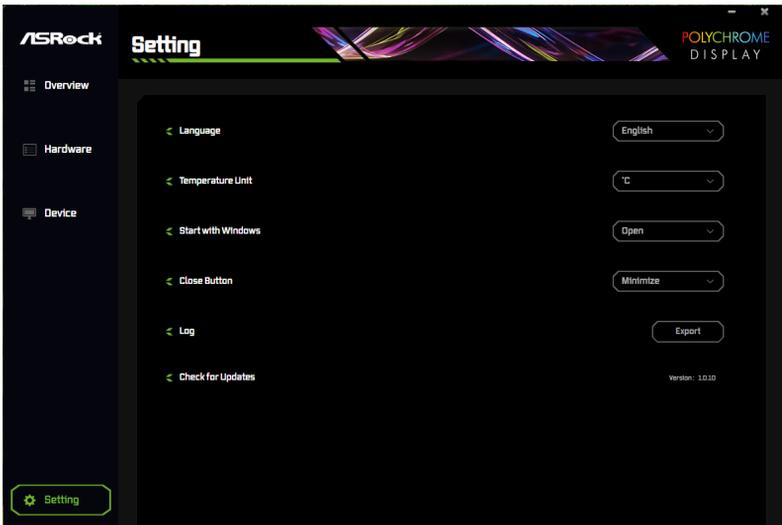


ASRock Polychrome DISPLAY Setting

Click the Setting icon on the bottom left corner of the Polychrome DISPLAY utility.



After entering the page, you can adjust the available settings.



- Language: Change the interface language
- Temperature Unit: Select temperature display unit
- Start with Windows: Configure application startup behavior
- Close Button: Define application behavior when the close button is clicked
- Log: Export utility log files
- Check for Update: Check current software version