

TT RGB PLUS 3.0

User Manual

Please download TT RGB PLUS 3.0 from Thermaltake's Official website.

<https://www.thermaltake.com/downloads>

Software User Interface

OS compatibility — Windows 10 and Windows 11

MY PC

PC INFORMATION

The "PC INFORMATION" page provides real-time system monitoring, enabling users to comprehensively track the status of components, including the CPU, GPU, RAM, fans, and liquid cooling system. This functionality supports effective overclocking, thermal management, and overall system maintenance.

CPU information **a**

- CPU Model
- Load (%)
- Temperature (°C/°F)
- Fan Speed (RPM)
- Wattage (W)
- Frequency (GHz)

RAM information **c**

- AVG Temperature (°C/°F)
- Usage
- Channel
- RAS# to CAS# DELAY (tRCD)
- CAS# LATENCY (CL)
- Frequency (MHz)

GPU information **b**

- GPU Model
- Load (%)
- Temperature (°C/°F)
- Fan Speed (RPM)
- Wattage (W)
- Frequency (GHz)

Quick fan control **d**

- SILENT
- STANDARD
- PERFORMANCE
- FULL SPEED
- CUSTOMIZE

The screenshot displays the Thermaltake software interface with the following components:

- Navigation Menu:** MY PC, PC INFORMATION, FAN SPEED, POWER SUPPLY, CONNECT, LIGHTING, LCD MONITOR, SETTINGS.
- PC INFORMATION:** Overview of system components.
- CPU (Intel Core i5-12600K):** 36% Load, 35°C Temp. Includes a usage graph and metrics: Fan Speed (1523 RPM), Wattage (23 W), Frequency (4.50 GHz).
- GPU (NVIDIA GeForce RTX 5070 Ti):** 0% Load, 39°C Temp. Includes a usage graph and metrics: Fan Speed (N/A RPM), Wattage (16 W), Frequency (0.26 GHz).
- RAM:** AVG. TEMP. 38°C, TOTAL USAGE 9.2GB/63.7GB, CHANNEL QUAD, RAS# to CAS# DELAY (tRCD) 34, CAS# LATENCY (CL) 34, FREQUENCY 2000MHz. Includes TOUGHGRAM RGB temperature (40°C).
- TF3 Liquid Cooling System Dashboard:** COOLANT TEMPERATURE 28°C, COOLANT PRESSURE 0.24 bar, CHASSIS AMBIENT TEMPERATURE 36°C.
- FAN Control:** Quick fan control options: SILENT, STANDARD, PERFORMANCE, FULL SPEED, CUSTOMIZE (highlighted). Includes a "Go to FAN SETTINGS" button.

The data may deviate due to the calculation and actual usage conditions. Some information may not be displayed correctly due to product design differences among manufacturers (e.g., Intel, AMD, NVIDIA, and motherboard manufacturers).

FAN SPEED

This section enables configuration of both global fan speeds across the entire system and individual fan speed settings.

GLOBAL FAN SETTINGS a

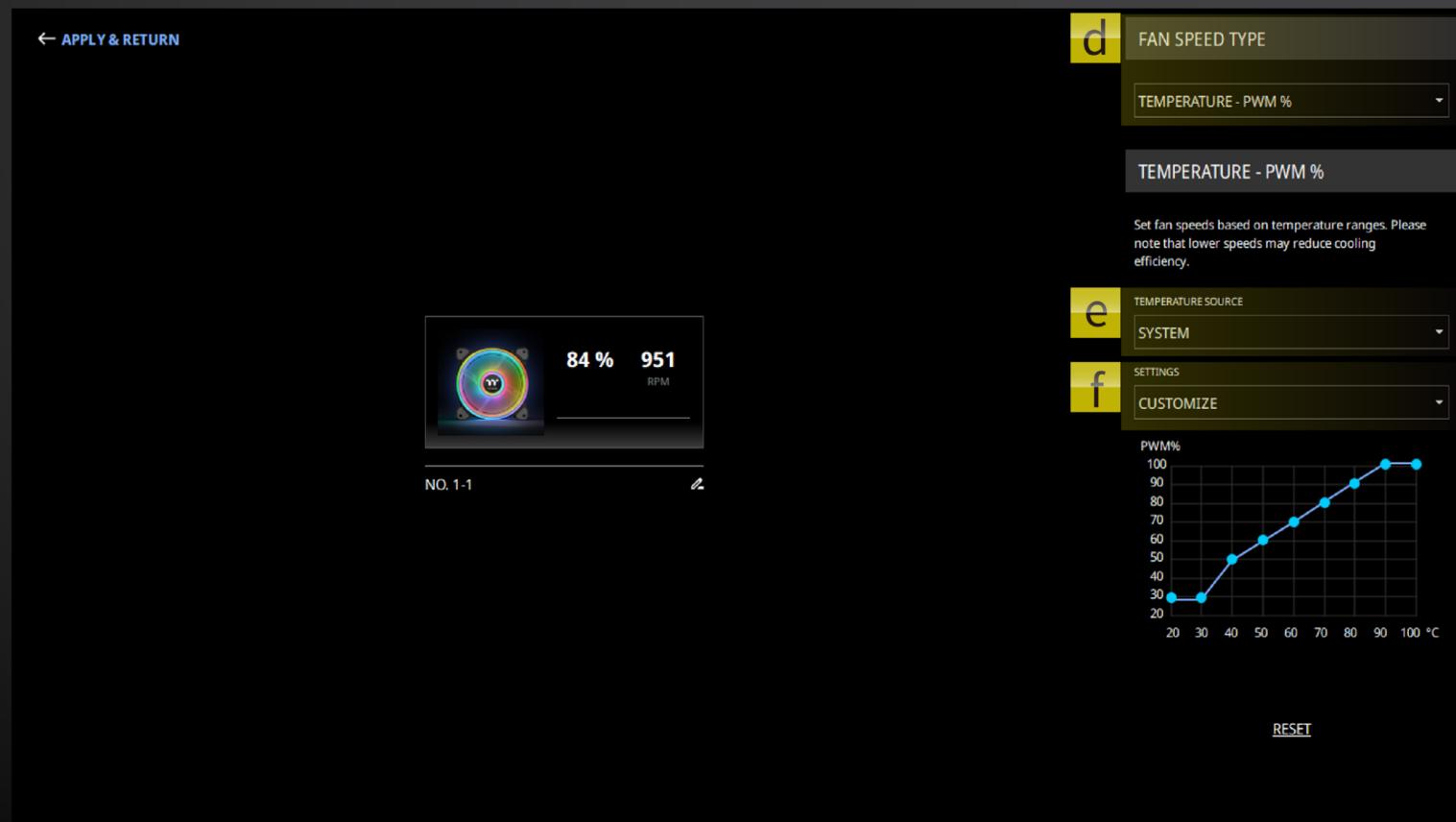
- Normal: 0 – 100 % RPM
- PWM: Set PWM silent to PWM performance (50 – 100%).
- Temperature – PWM%: Adjust fan speeds according to the System, CPU, and GPU temperatures.
- Profile: Create a new profile for fan speed settings.

FAN SETTINGS b

- Set the speed of each fan individually.

Move here to the group with other fans. c

- Click a fan to access the fan speed configuration page.



FAN SPEED TYPE d

- Normal: 0 – 100 % RPM
- PWM: Set PWM silent to PWM performance (50 – 100%).
- Temperature – PWM%: Adjust fan speeds according to the System, CPU, and GPU temperatures.

TEMPERATURE SOURCE e

- SYSTEM
- CPU
- GPU

TEMPERATURE – PWM% SETTING f

- SILENT
- STANDARD
- PERFORMANCE
- FULL SPEED
- CUSTOMIZE: Users can set the TEMPERATURE – PWM% curve via the chart.

POWER SUPPLY

If you have installed the iRGB DPS G power supply series, the power supply information will be displayed here.

a

Display real-time information of the Toughpower iRGB PLUS power supply.

- Wattage (% LOAD / W)
- Temperature (°C/°F)
- Fan Speed (RPM)
- Efficiency (%)

The screenshot shows the Thermaltake iControl desktop application interface. The top bar features the Thermaltake logo and window controls. A left sidebar contains navigation options: MY PC, PC INFORMATION, FAN SPEED, POWER SUPPLY (highlighted), CONNECT, LIGHTING, LCD MONITOR, and SETTINGS. The main content area is titled 'POWER SUPPLY' and displays the following information:

- Product:** Toughpower iRGB PLUS 1200W (with a yellow 'a' callout)
- Wattage:** 3% LOAD / 32 W
- Temperature:** 29°C
- Fan Speed:** 388 RPM
- Efficiency:** 72%
- Activity Monitor:** A line graph showing power usage over 30 seconds, with a 12V output selected.
- Current Usage (with a yellow 'b' callout):** Three progress bars for 3.3V (0.0A), 5V (4.0A), and 12V (1.0A).
- Average Efficiency:** A bar chart for the last 7 days (Aug 04-10).
- Average Watts Consumptions:** A bar chart for the last 7 days (Aug 04-10).
- Average kWh Consumptions:** A bar chart for the last 7 days (Aug 04-10).

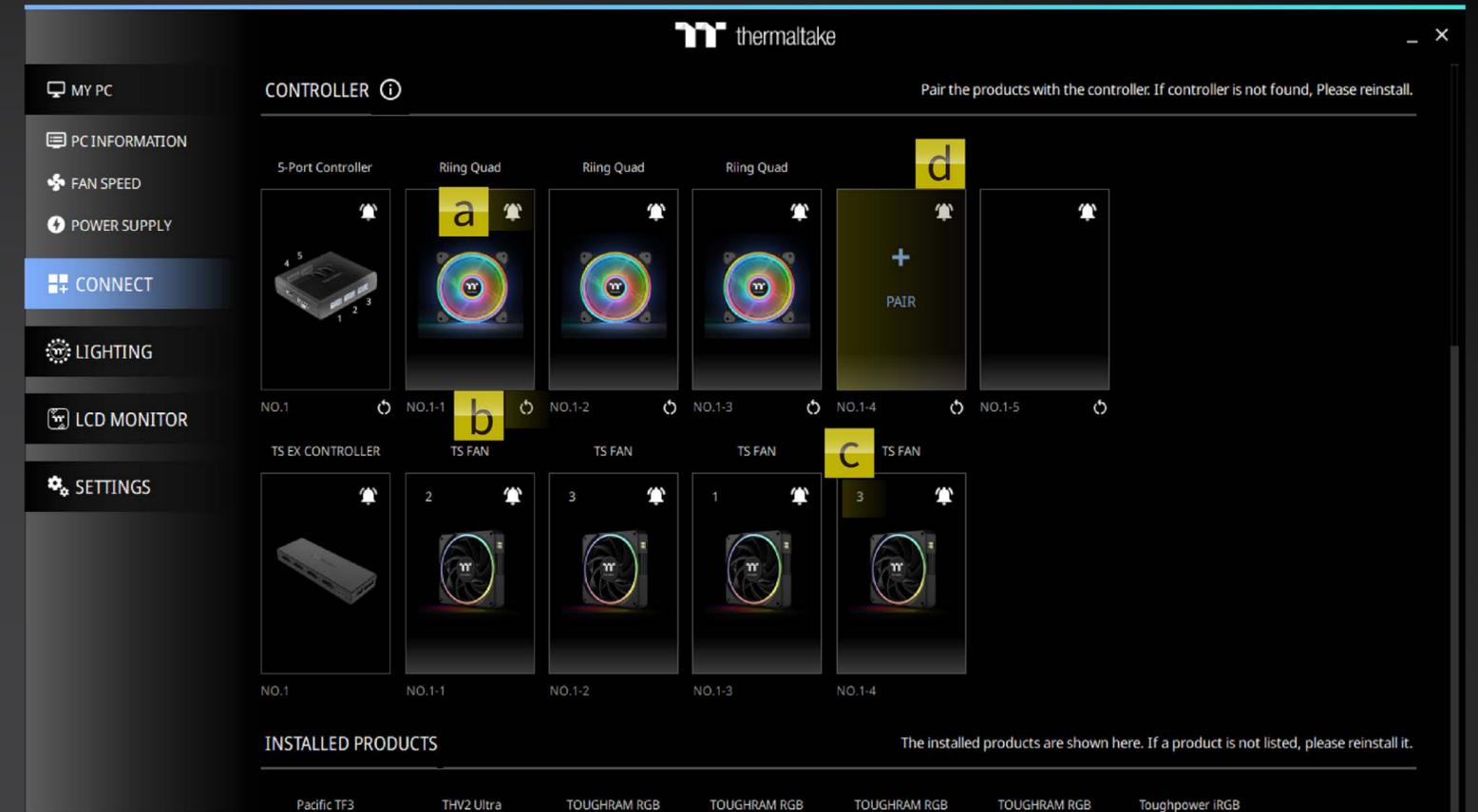
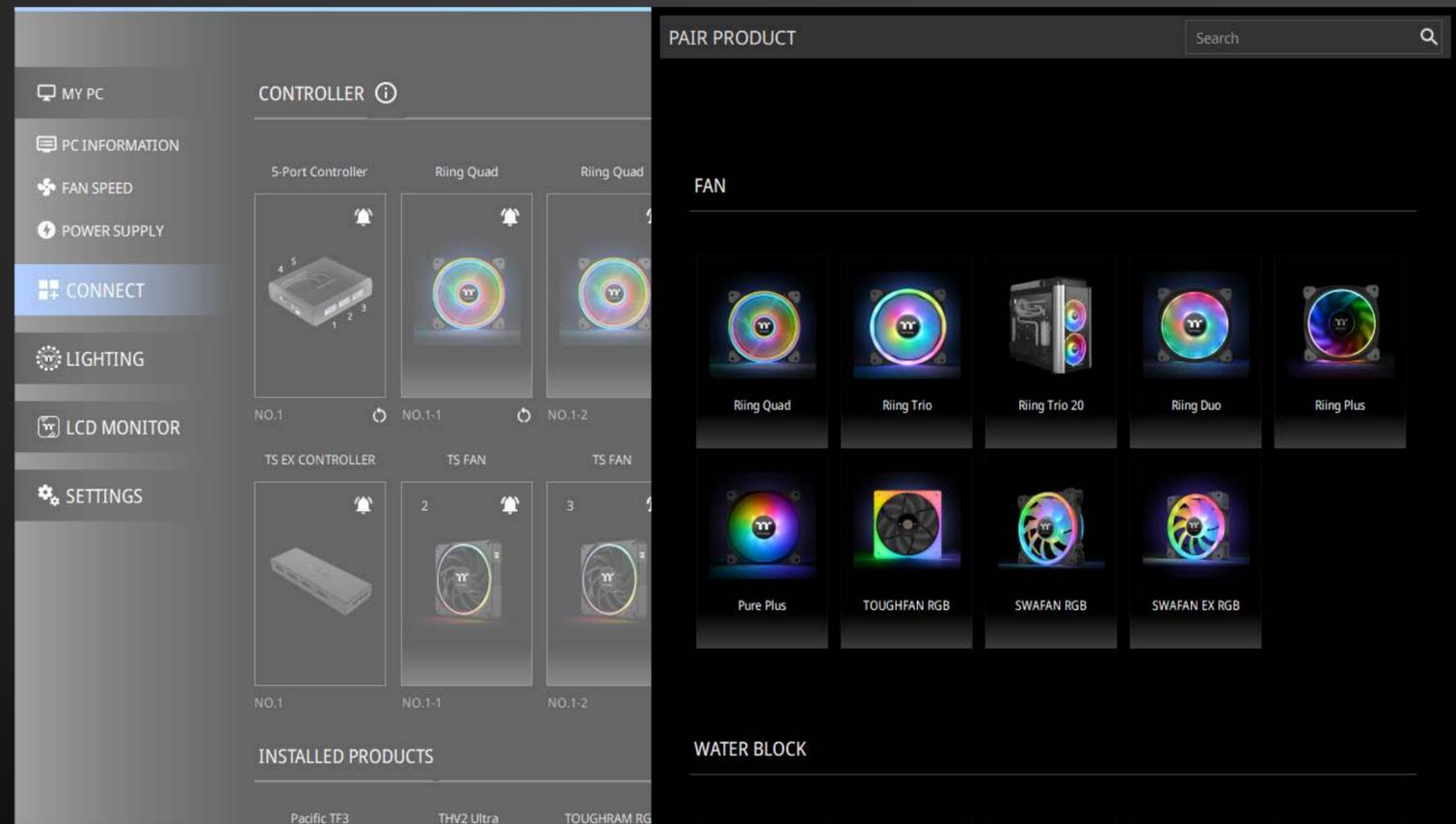
b

Current Usage

- 3.3V / A
- 5V / A
- 12V / A

CONNECT

The CONTROLLER page displays the controllers and pairs the fan products.



- a. Clicking the bell icon will light up the paired fan with a red light.
- b. Clicking the circular arrow icon indicates that the fan can be unpaired.
- c. Shows the number of fans connected to the port. (Only supported on specific products, e.g., TS FAN EX, SWAFAN EX).
- d. Click "PAIR" to pair the fans with the controller.



Select a product to pair with the controller.

INSTALLED PRODUCTS

Installed products are shown here. (USB Direct and DIMM)

TT SYNC: Synchronize RGB lighting for TT gaming products and third parties.

The screenshot shows the Thermaltake software interface with a sidebar on the left containing menu items: MY PC, PC INFORMATION, FAN SPEED, POWER SUPPLY, CONNECT (highlighted), LIGHTING, LCD MONITOR, and SETTINGS. The main area is divided into two sections: 'INSTALLED PRODUCTS' and 'TT SYNC'. The 'INSTALLED PRODUCTS' section lists Pacific TF3, MAGFlo Ultra, four instances of TOUGHRAM RGB, and Toughpower iRGB. The 'TT SYNC' section lists ARGENT K5 and ARGENT M5. Each product tile includes an image and a notification bell icon. A note at the top right of each section states: 'The installed products are shown here. If a product is not listed, please reinstall it.'

If the user can't find the products on this page, please check if the USB driver is installed correctly.

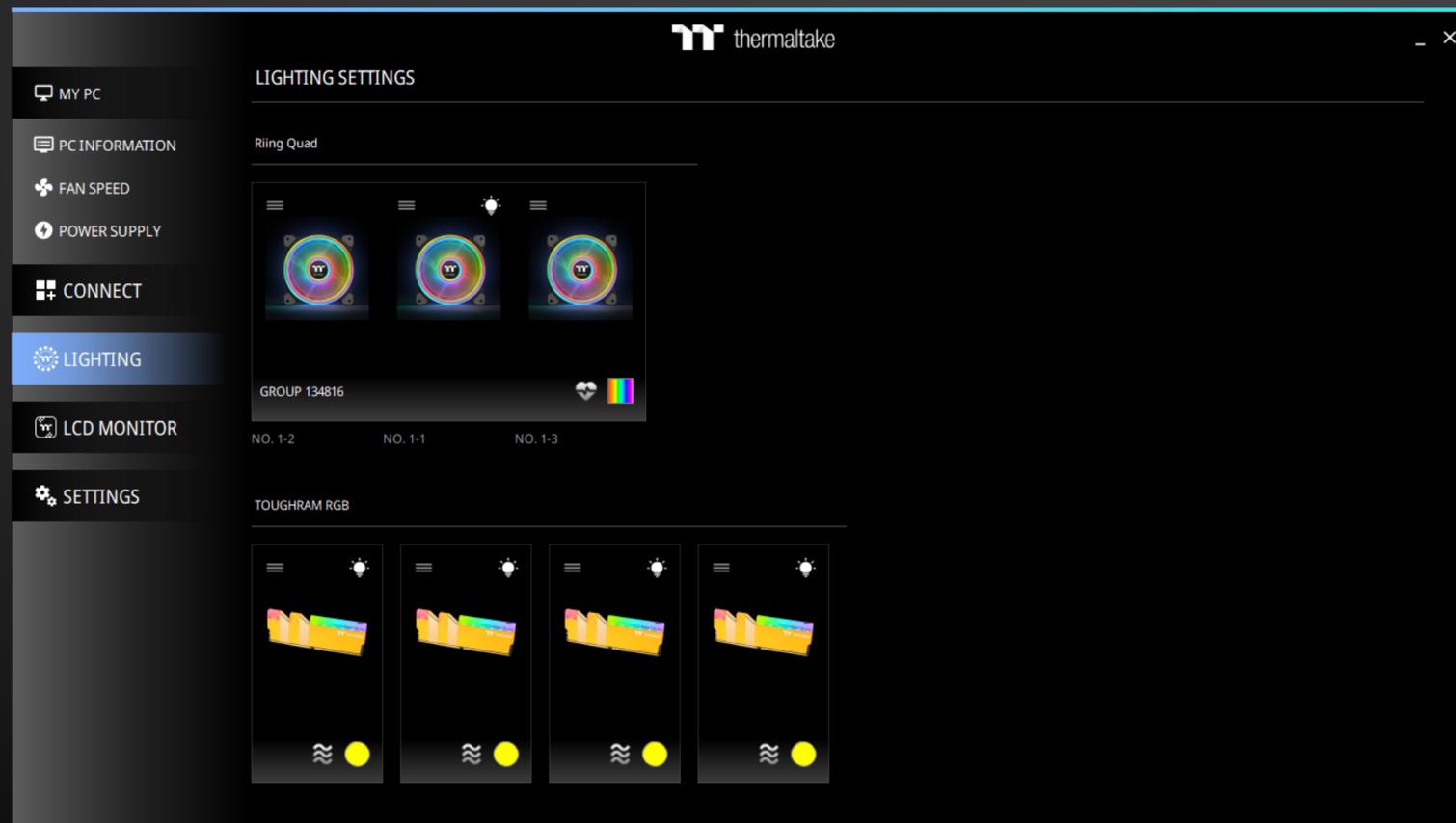
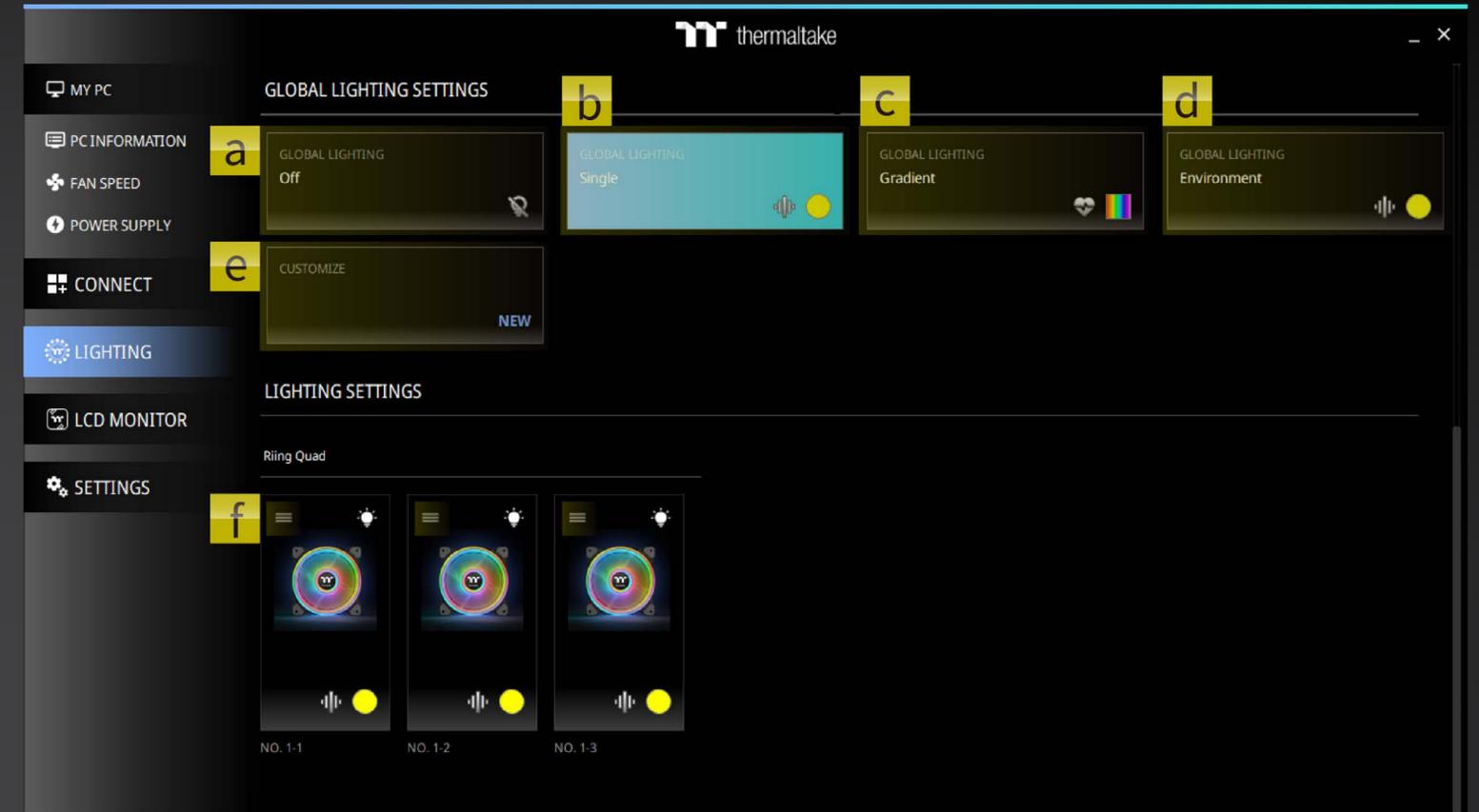


LIGHTING

+ GLOBAL LIGHTING SETTINGS

The **LIGHTING** page allows the user to set global lighting effects.

- a. Turn on / off global lighting.
- b. Set a single-color lighting effect for the global lighting.
- c. Set a gradient transition lighting effect for the global lighting.
- d. Set the global lighting effects based on environmental changes.
- e. Profile: Create a new profile for RGB lighting effect settings.
- f. Move here to the group with other fans.

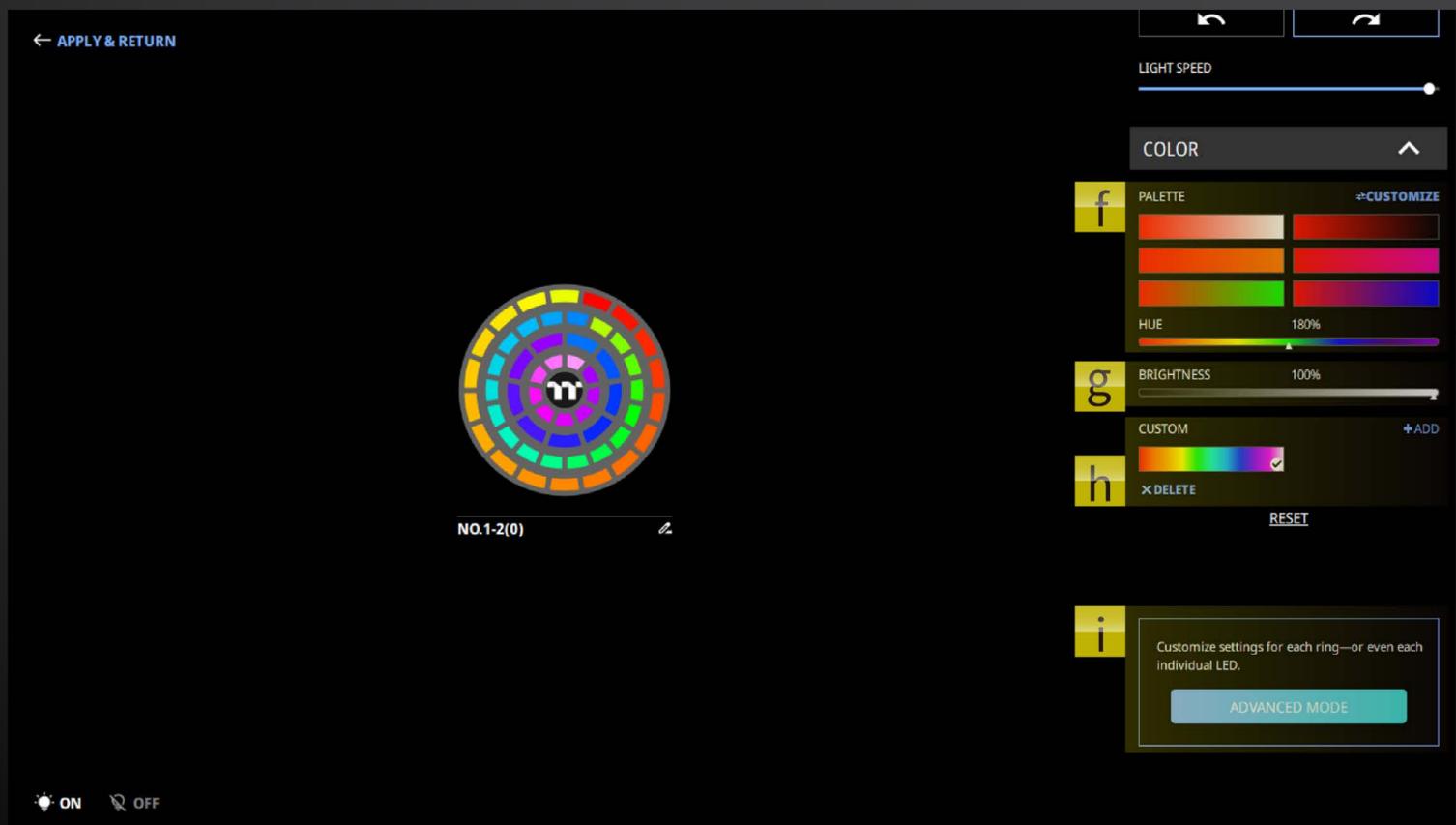


+ LIGHTING SETTINGS

The user can set lighting effects individually for each RGB product.

LIGHTING SETTINGS

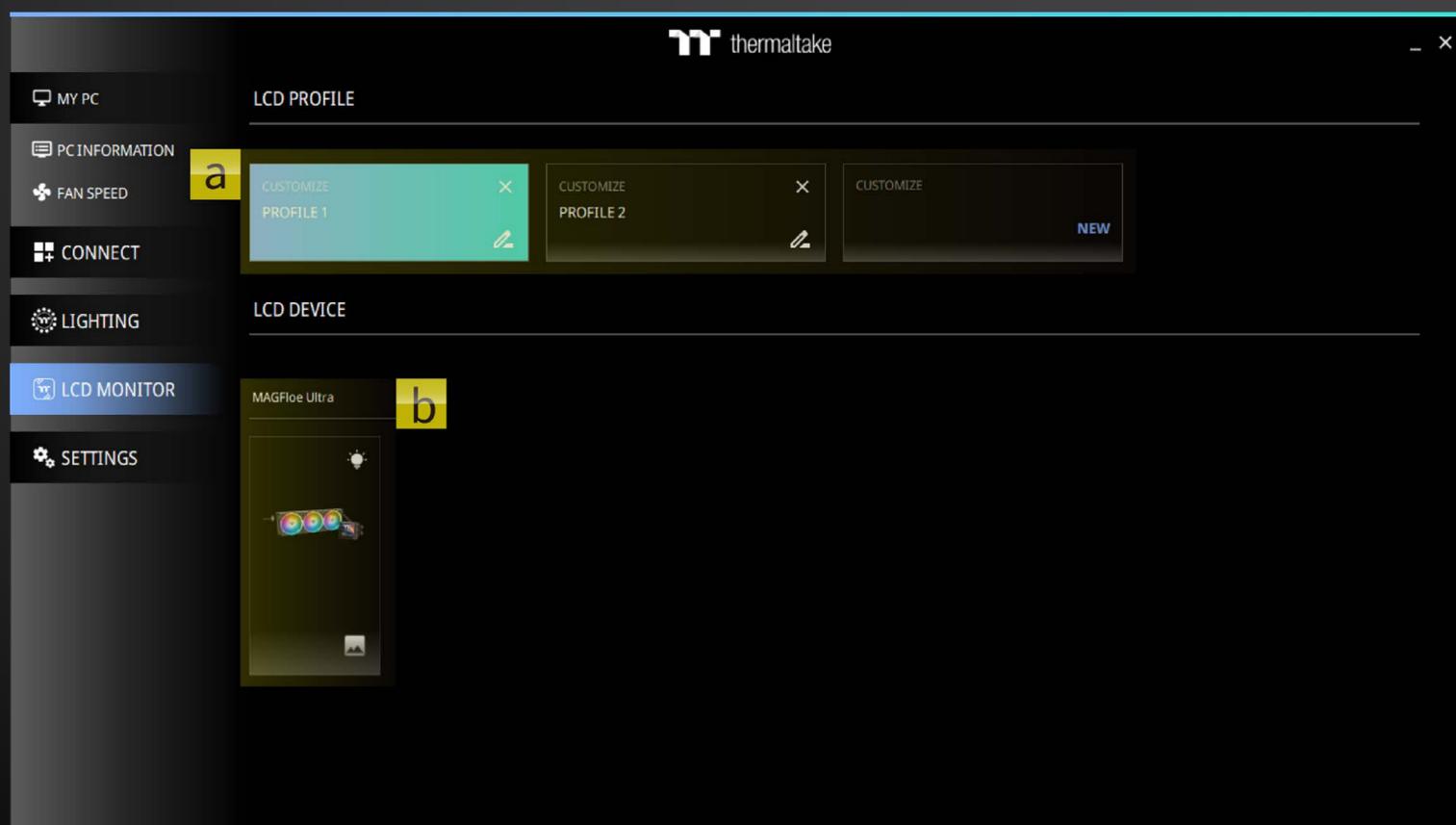
- a. **LIGHTING TYPE:** The user can select 23 lighting effects.
 - SINGLE: Set a single-color lighting effect.
 - GRADIENT: Set a gradient transition lighting effect.
 - ENVIRONMENT: Set the lighting effects according to environmental changes.
- b. **EFFECT:** Lighting effect selection.
- c. **DIRECTION:** Set the lighting effect direction.
- d. **LIGHT SPEED:** Set the lighting effect speed.
- e. **ON / OFF:** Turn on / off the lighting effect.



- f. **PALETTE:** Set the lighting effect color palette and HUE.
- g. **BRIGHTING:** Set the lighting effect brightness.
- h. **CUSTOM:** Add the customized palette.
- i. **ADVANCED MODE:** Customize settings for each ring or even each individual LED.

+ ADVANCED MODE

The User can set different lighting colors and effects for each ring section or part, and also define the lighting color for each individual LED.



[LCD MONITOR]

+ LCD DEVICE

LCD PROFILE **a**

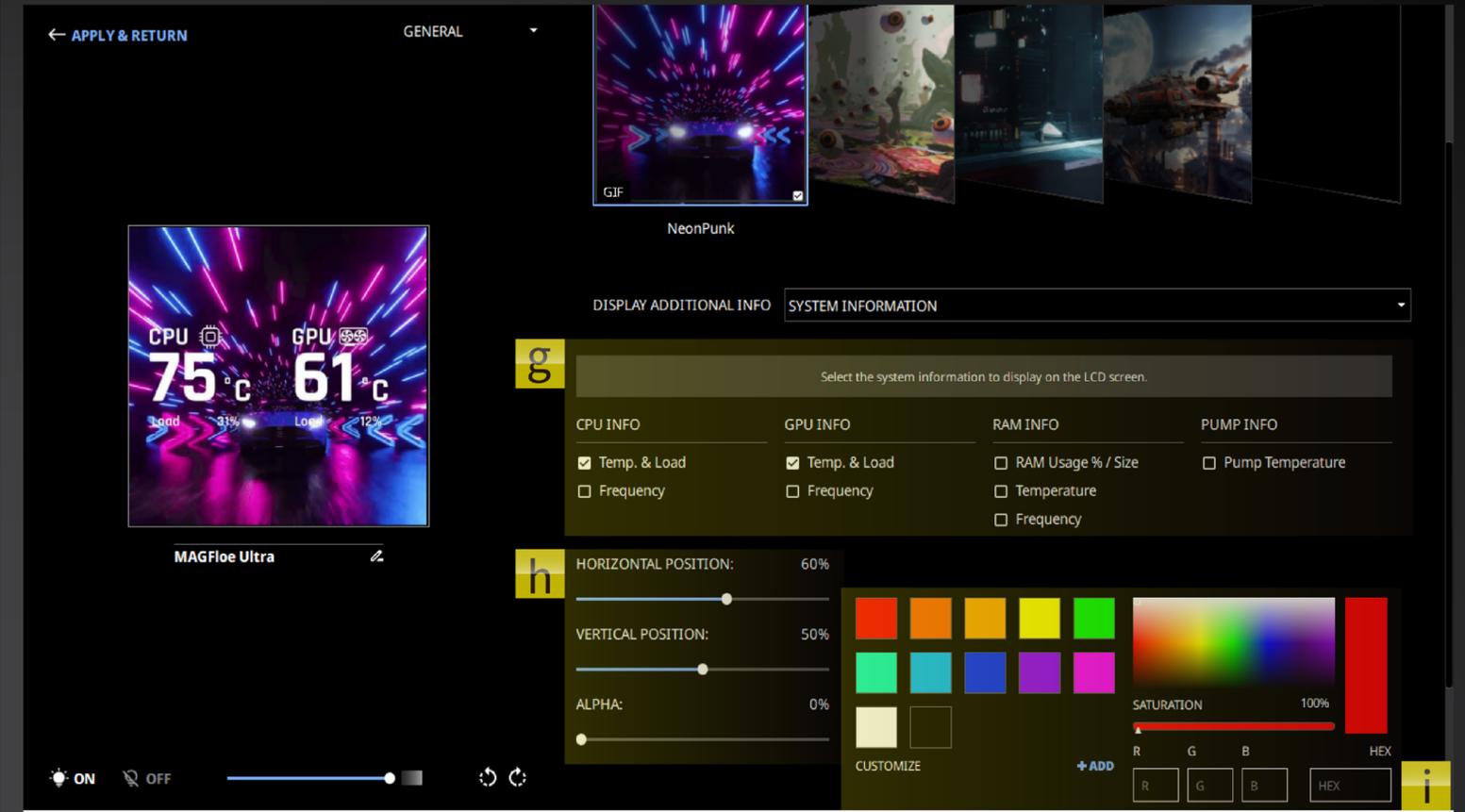
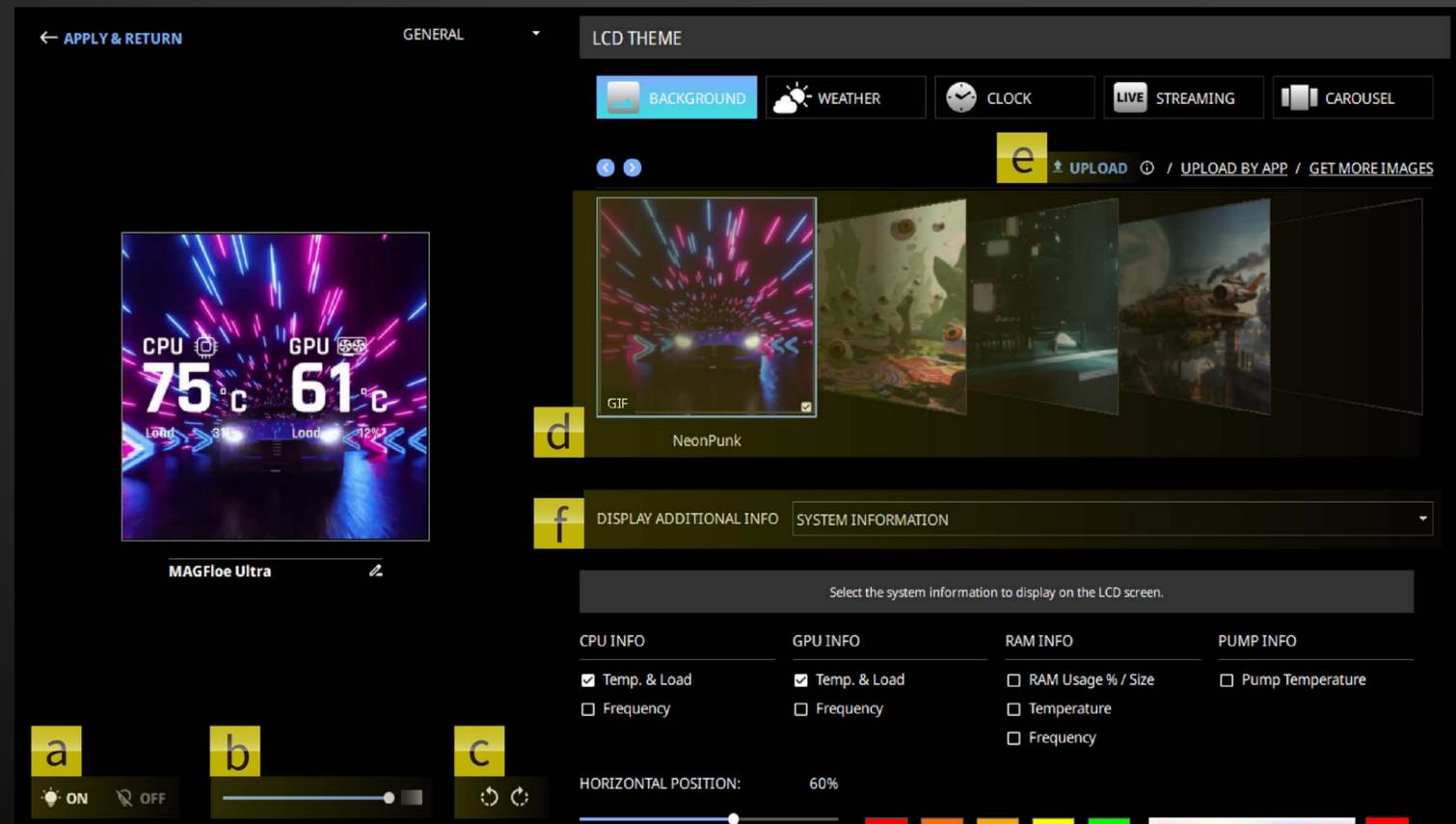
- Select the LCD profile and create a new profile for LCD monitor settings.

LCD DEVICE **b**

- Click to enter the LCD screen editor for settings.

GENERAL BACKGROUND

The user can set the LCD screen background animation and the display of system information.



- a. ON / OFF: Turn on / off the LCD screen.
- b. BRIGHTNESS: Set the LCD screen brightness.
- c. ROTATION: Set the LCD screen rotation. (0°, 90°, 180°, 270°)
- d. Select the LCD screen background files.
- e. UPLOAD: Upload a file to the LCD screen as the background.
▶ **Support file type: GIF, JPG, PNG, MP4, AVI, MOV.**
- f. DISPLAY ADDITIONAL INFO:
 - SYSTEM INFORMATION: Select system information to display on the LCD screen.
 - TEXT: Input text to display on the LCD screen.
- g. SYSTEM INFORMATION
 - CPU INFO: Temperature & Load, Frequency
 - GPU INFO: Temperature & Load, Frequency
 - RAM INFO: RAM Usage% / Size, Temperature, Frequency
 - PUMP INFO: Pump Temperature
- h. Set system information location and transparency.
- i. Set system information text color.

AI Forge

← APPLY & RETURN GENERAL

LCD THEME

BACKGROUND WEATHER CLOCK LIVE STREAMING CAROUSEL

← → [↑ UPLOAD](#) [AI Forge](#) / [UPLOAD BY APP](#) / [GET MORE IMAGES](#)

NeonPunk

DISPLAY ADDITIONAL INFO SYSTEM INFORMATION

Select the system information to display on the LCD screen.

CPU INFO	GPU INFO	RAM INFO	PUMP INFO
<input checked="" type="checkbox"/> Temp. & Load	<input checked="" type="checkbox"/> Temp. & Load	<input type="checkbox"/> RAM Usage % / Size	<input type="checkbox"/> Pump Temperature
<input type="checkbox"/> Frequency	<input type="checkbox"/> Frequency	<input type="checkbox"/> Temperature	
		<input type="checkbox"/> Frequency	

HORIZONTAL POSITION: 100%

ON OFF [Slider] [Refresh] [Reset]

[Color calibration bar]

Now only supports the MAGFloer Ultra AIO.

First-time use of this function. Please navigate to the SETTINGS page and enter the OpenAI API key.

OpenAI Platform

- Create
- Chat
- Audio
- Images
- Assistants
- Manage
- Usage
- API keys
- Logs
- Storage
- Batches
- Optimize
- Evaluations
- Fine-tuning

API keys

Docs API reference Start building

+ Create new secret key

You have permission to view and manage all API keys in this project.
Do not share your API key with others or expose it in the browser or other client-side code. To protect your account's security, OpenAI may automatically disable any API key that has leaked publicly.
View usage per API key on the Usage page.

NAME	SECRET KEY	CREATED	LAST USED	CREATED BY	PERMISSIONS
MAGFloer AI Forge	sk-...N0gA	2025年8月22日	2025年8月22日	ttchatgpt_TS	All

← APPLY & RETURN GENERAL LCD THEME

EDIT CAROUSEL GET MORE IMAGES

AI Forge

Describe your idea. AI instantly generates a unique image from your imagination.

+ API KEY ERROR

CyberPunk Abstract Art Weird

Powered by DALL-E 3

To use this function, you need to register and log in to the OpenAI API, then enter your API key in the [SETTINGS](#) page.

<https://platform.openai.com/api-keys>

CANCEL SAVE

HORIZONTAL POSITION: 100%

ON OFF

Obtain the OpenAI API Key. <https://platform.openai.com/api-keys>
Click Create new secret key button to create a key.

Create a new secret key.

The screenshot shows the OpenAI Platform interface. On the left is a navigation sidebar with options like Chat, Audio, Images, Assistants, Usage, API keys (selected), Logs, Storage, Batches, Evaluations, and Fine-tuning. The main content area is titled 'API keys' and contains a 'Create new secret key' modal. The modal has the following fields: 'Owned by' (set to 'You'), 'Name' (optional, set to 'AI Forge'), 'Project' (set to 'Default project'), and 'Permissions' (set to 'All'). A 'Create secret key' button is highlighted in yellow.

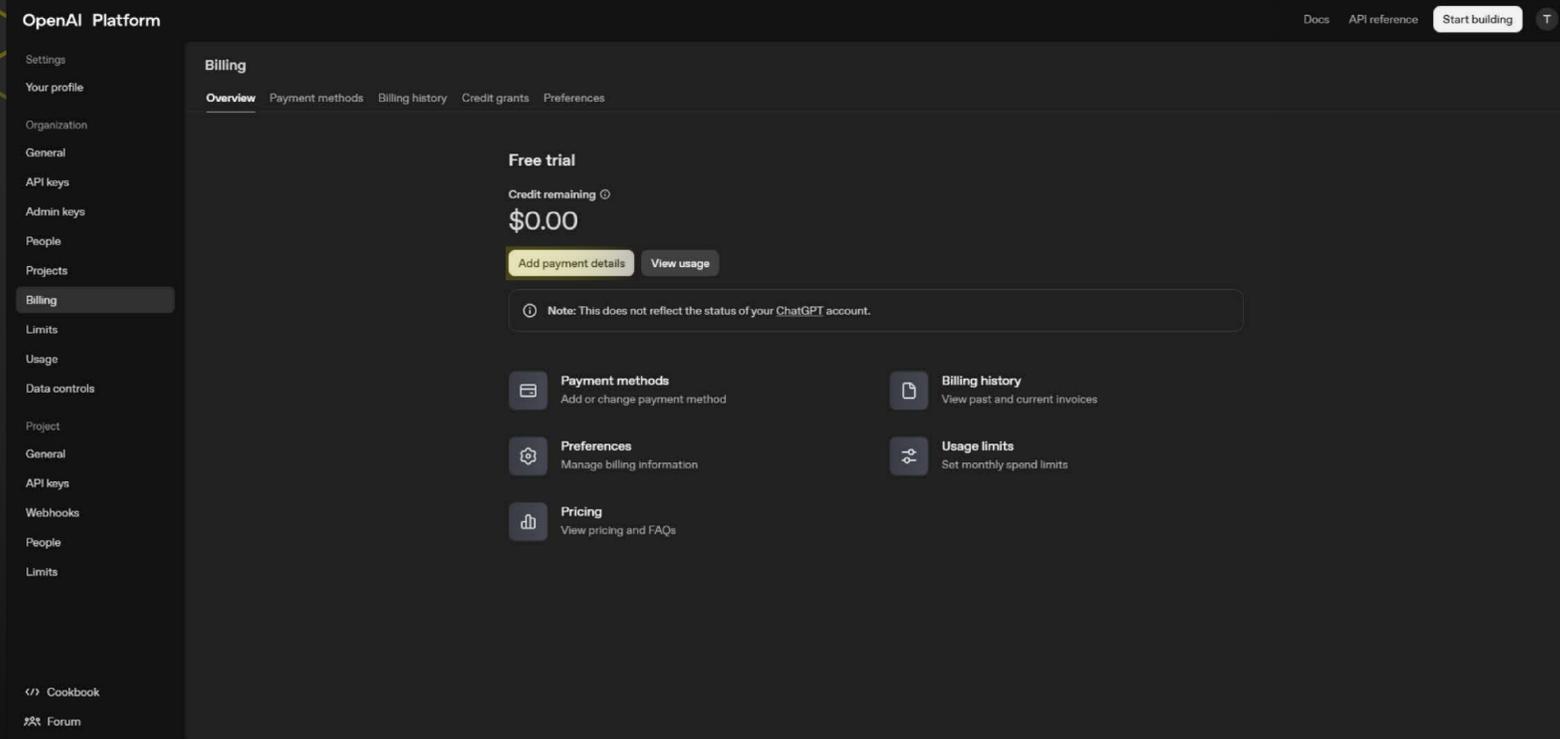
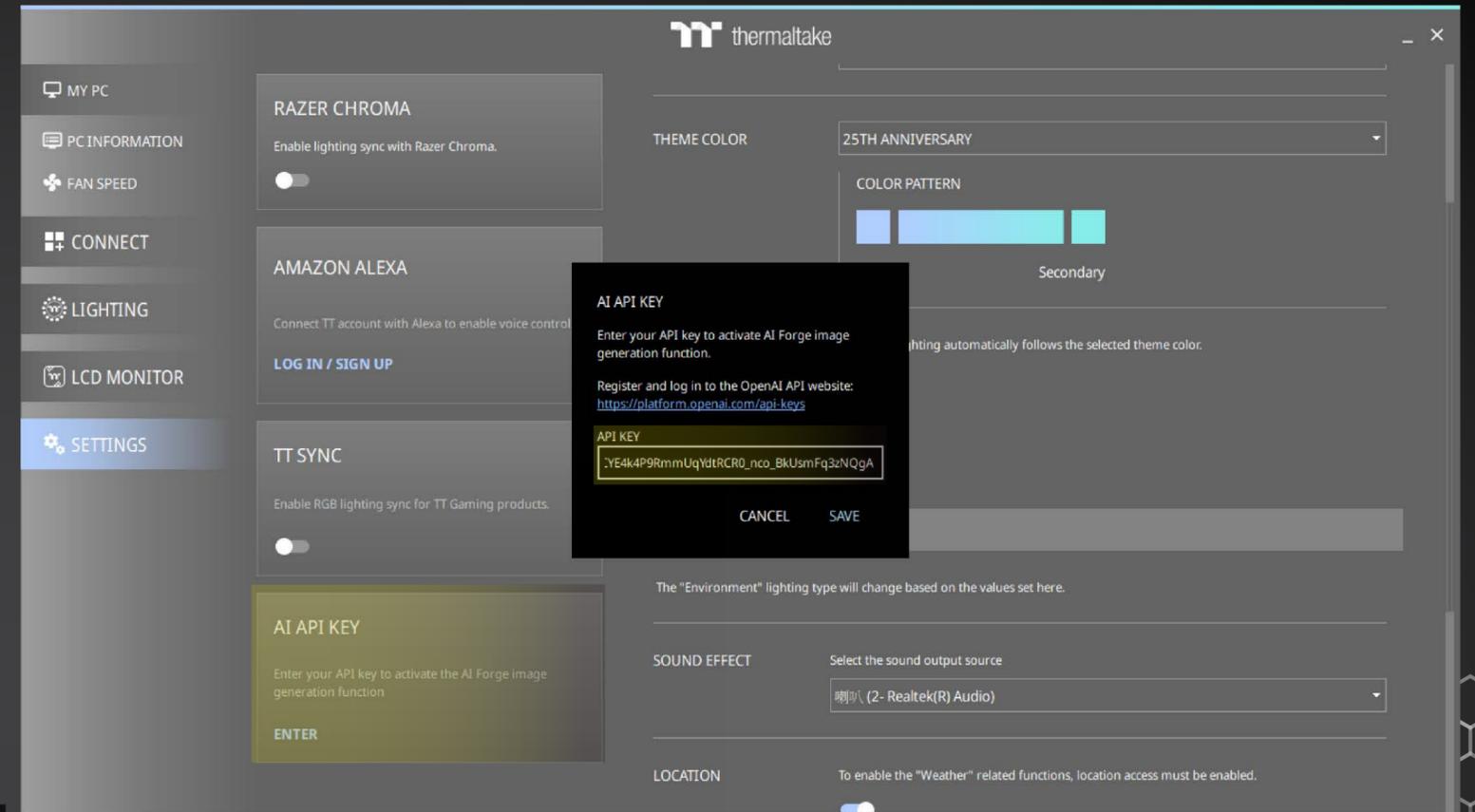
This screenshot shows the OpenAI Platform interface with the 'Save your key' modal open. The modal displays the secret key: `sk-proj-xLjedUo1MaMxlibMPUgAormE9` with a 'Copy' button. It also shows the permissions: 'Read and write API resources'. In the background, a table lists the created API keys.

NAME	SECRET KEY	CREATED	LAST USED	CREATED BY	PERMISSIONS
AI Forge		2025年8月22日	Never	ttchatgpt_TS	All
MAGFlow AI Forge		2025年8月22日	2025年8月22日	ttchatgpt_TS	All

Click to copy the API key.

Input the API key on the **SETTINGS** page.

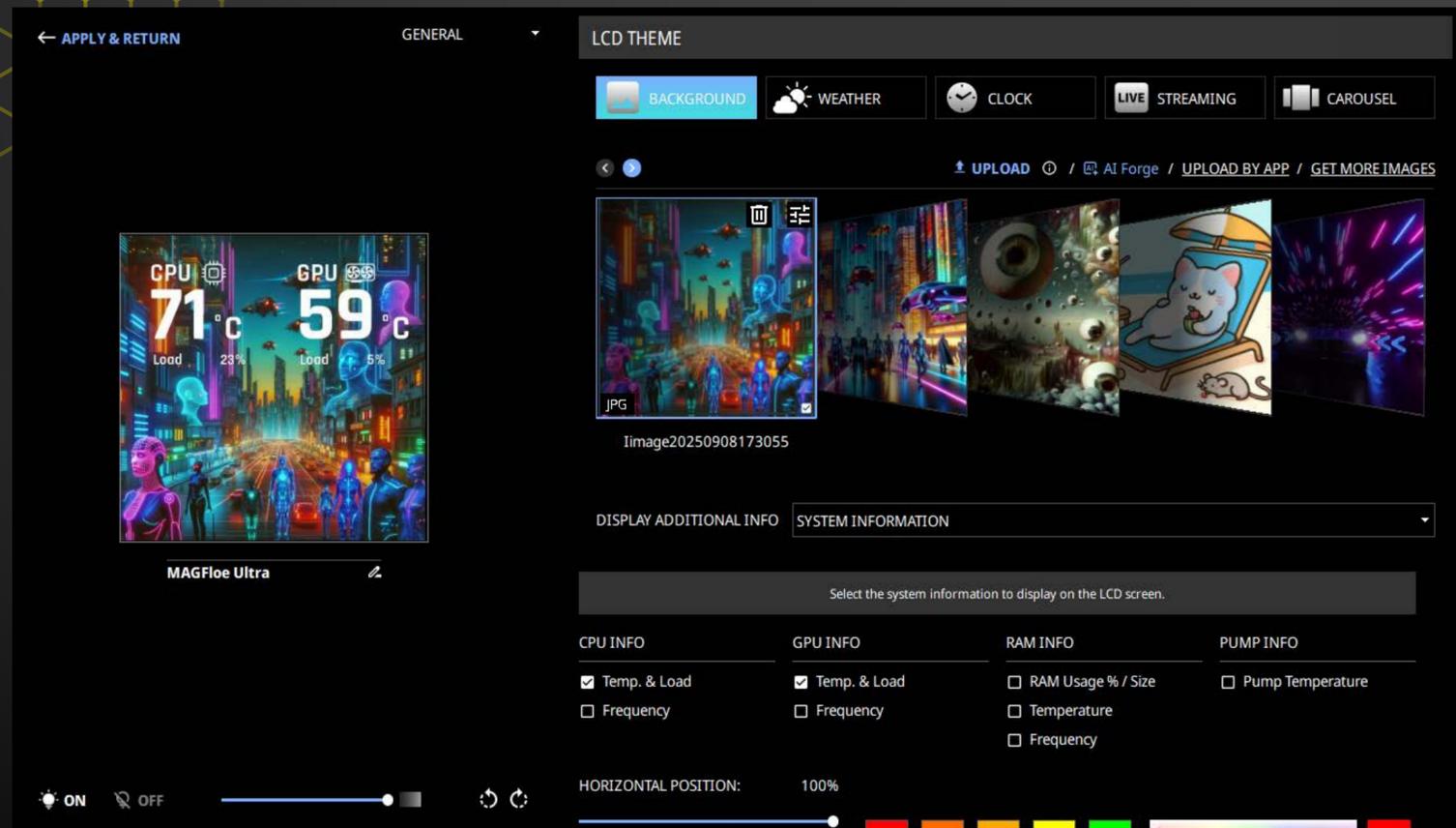
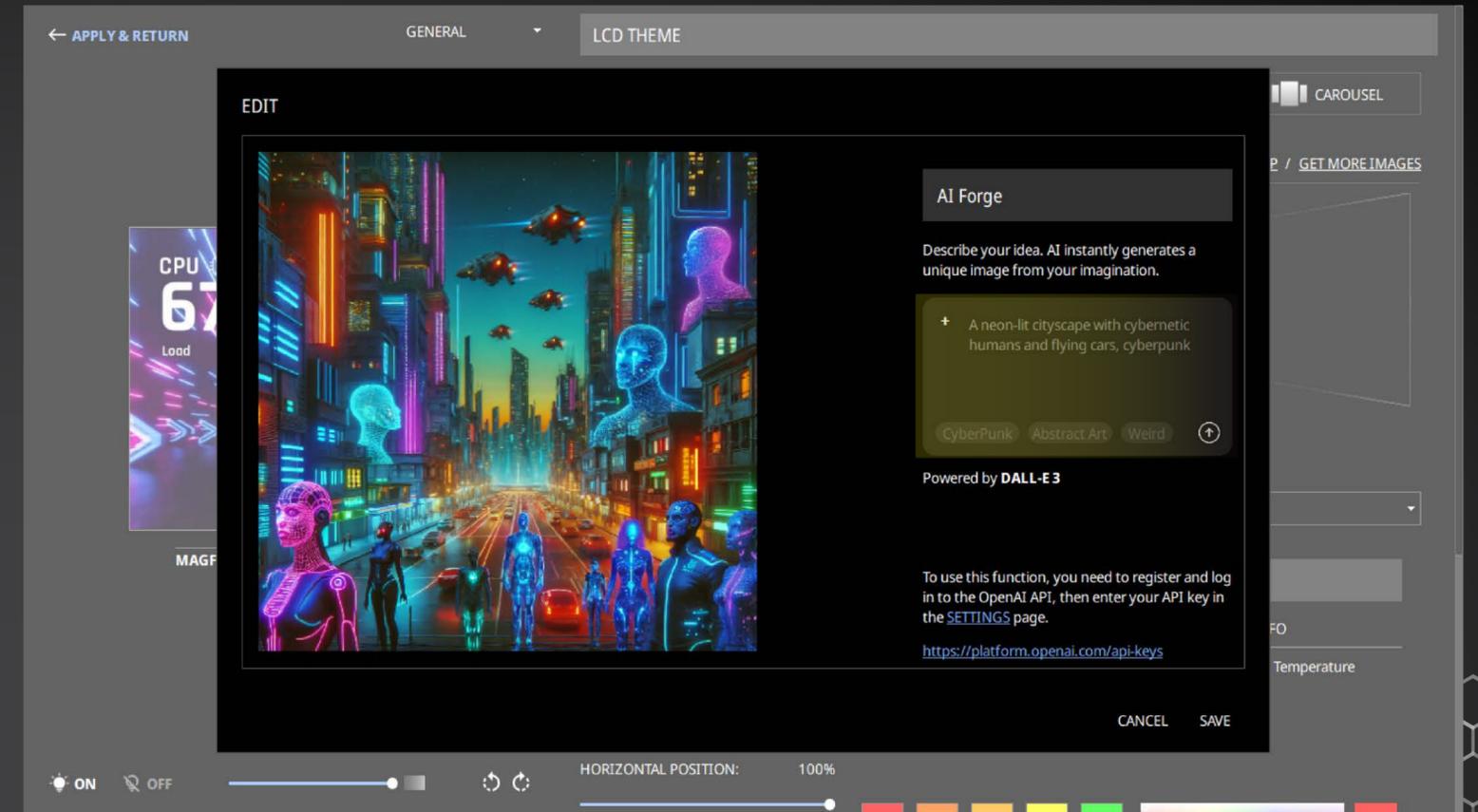
The AI image generation function in AI Forge requires linking a credit card for payment before use.



Click **Add payment details** to bind a credit card.

<https://platform.openai.com/settings/organization/billing/overview>

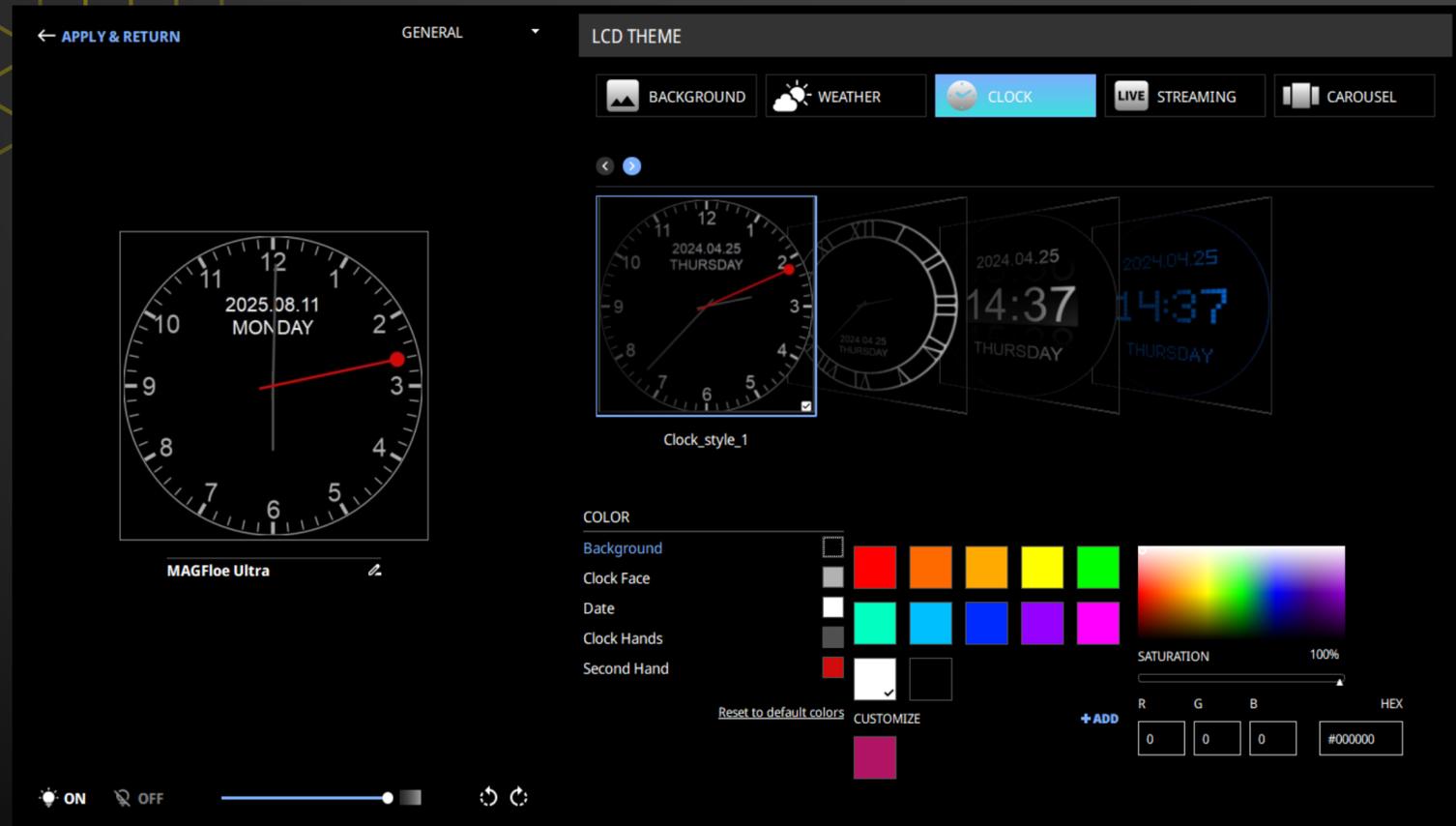
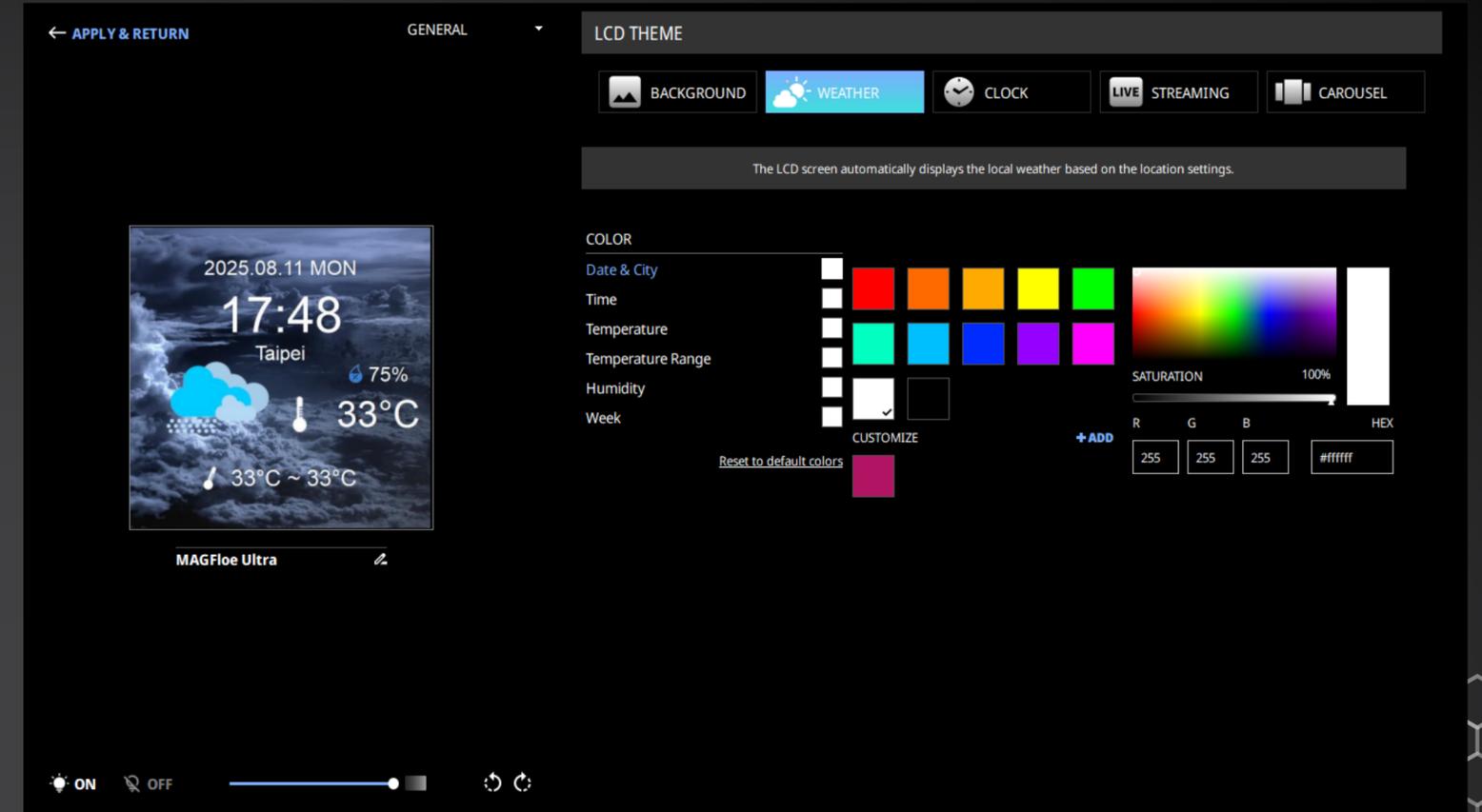
Now, users can enter prompts in the AI Forge image generation function to create images.



The generated images via AI Forge will show in the BACKGROUND after being saved.

WEATHER

The LCD screen will automatically display the local weather.
The user can set the text color for the weather mode information.



CLOCK

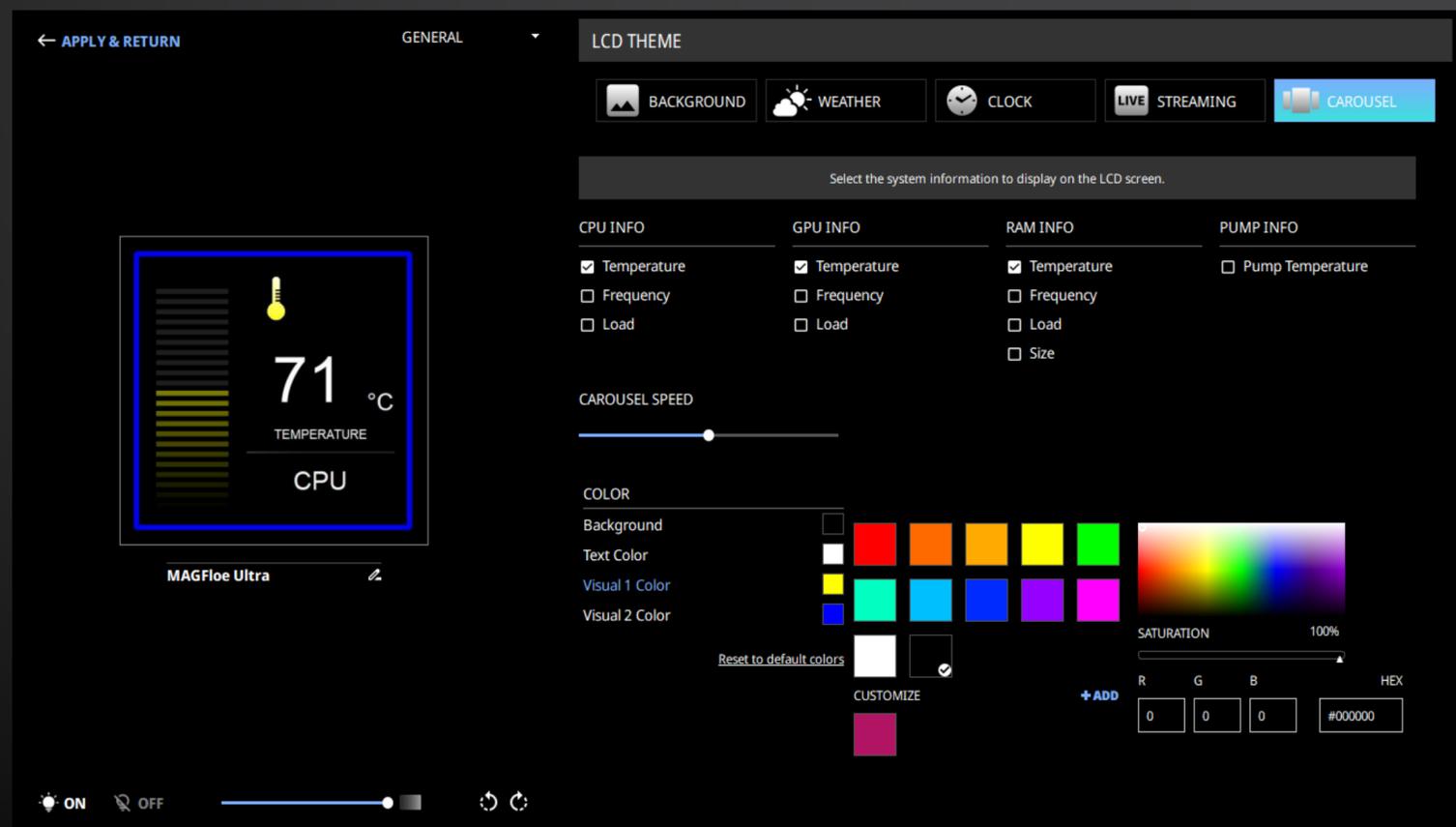
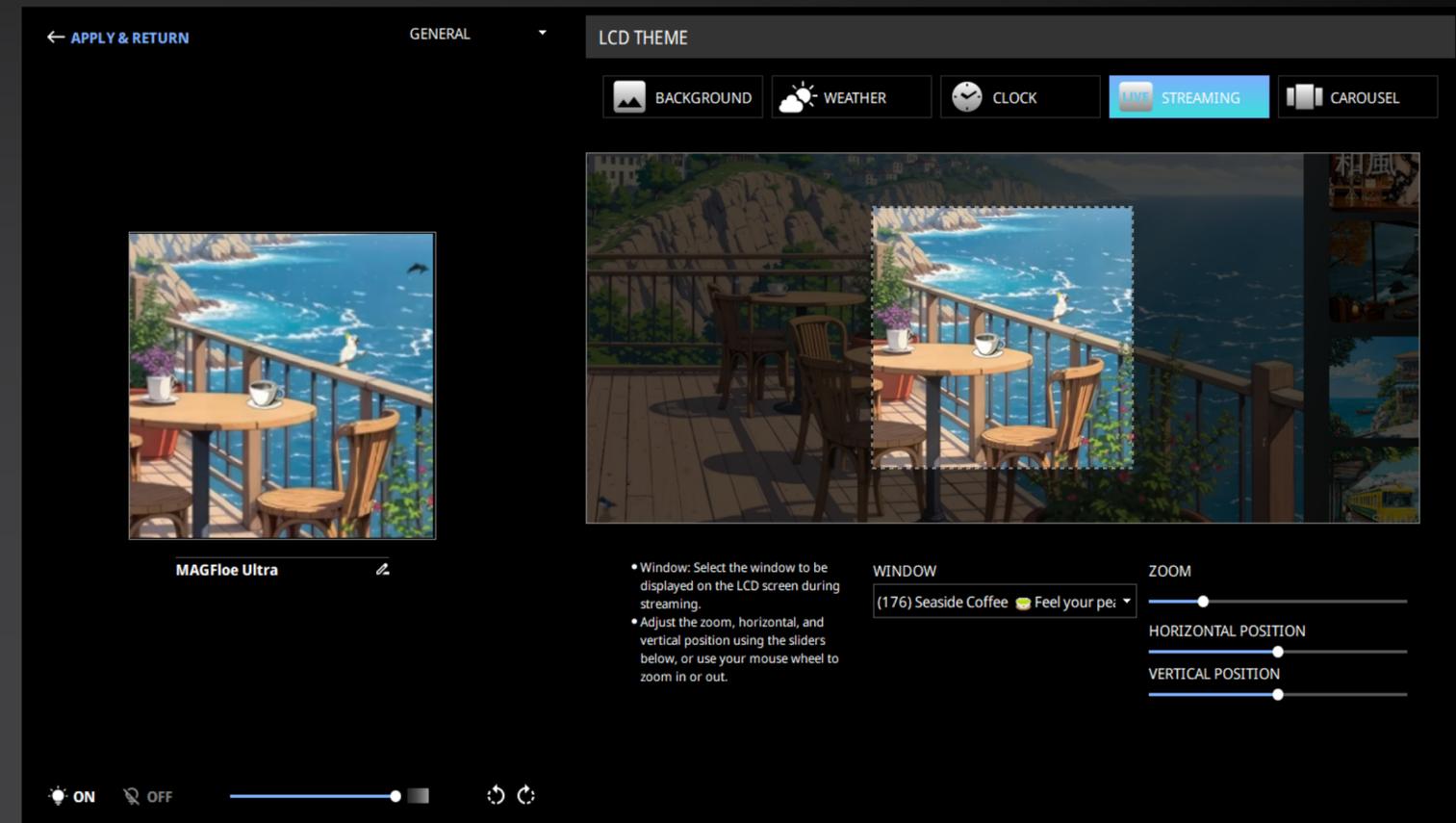
The LCD screen will automatically display the local time and date.
The user can set the background and hand colors of the clock.

+ STREAMING

Select the window to be displayed on the LCD screen during streaming.

Adjust the zoom, horizontal, and vertical position using the sliders below, or use your mouse wheel to zoom in or out.

▶ Using other software for screen recording, casting, or live streaming simultaneously may cause the LCD Streaming function to become unstable or crash.



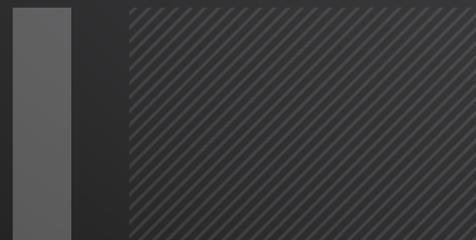
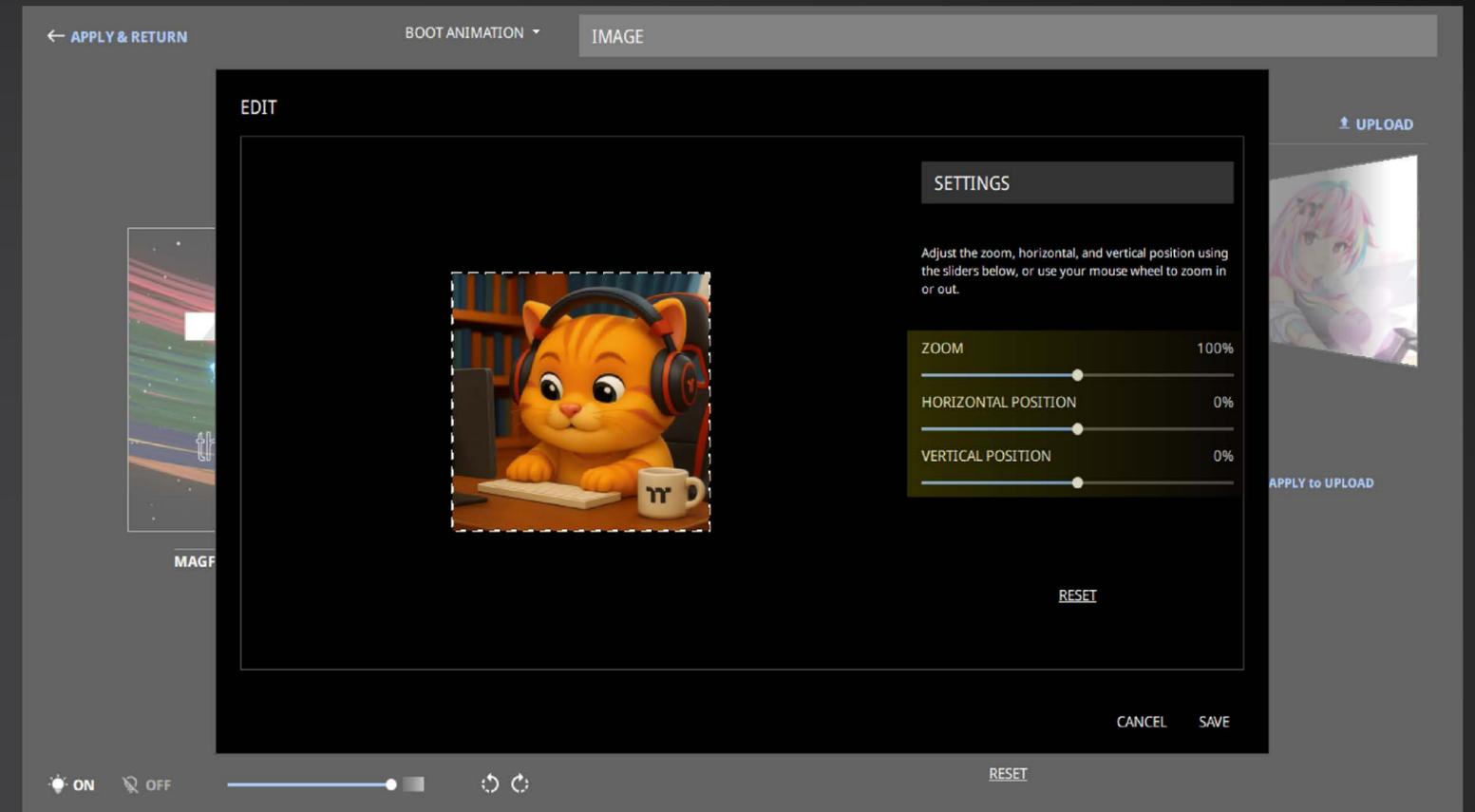
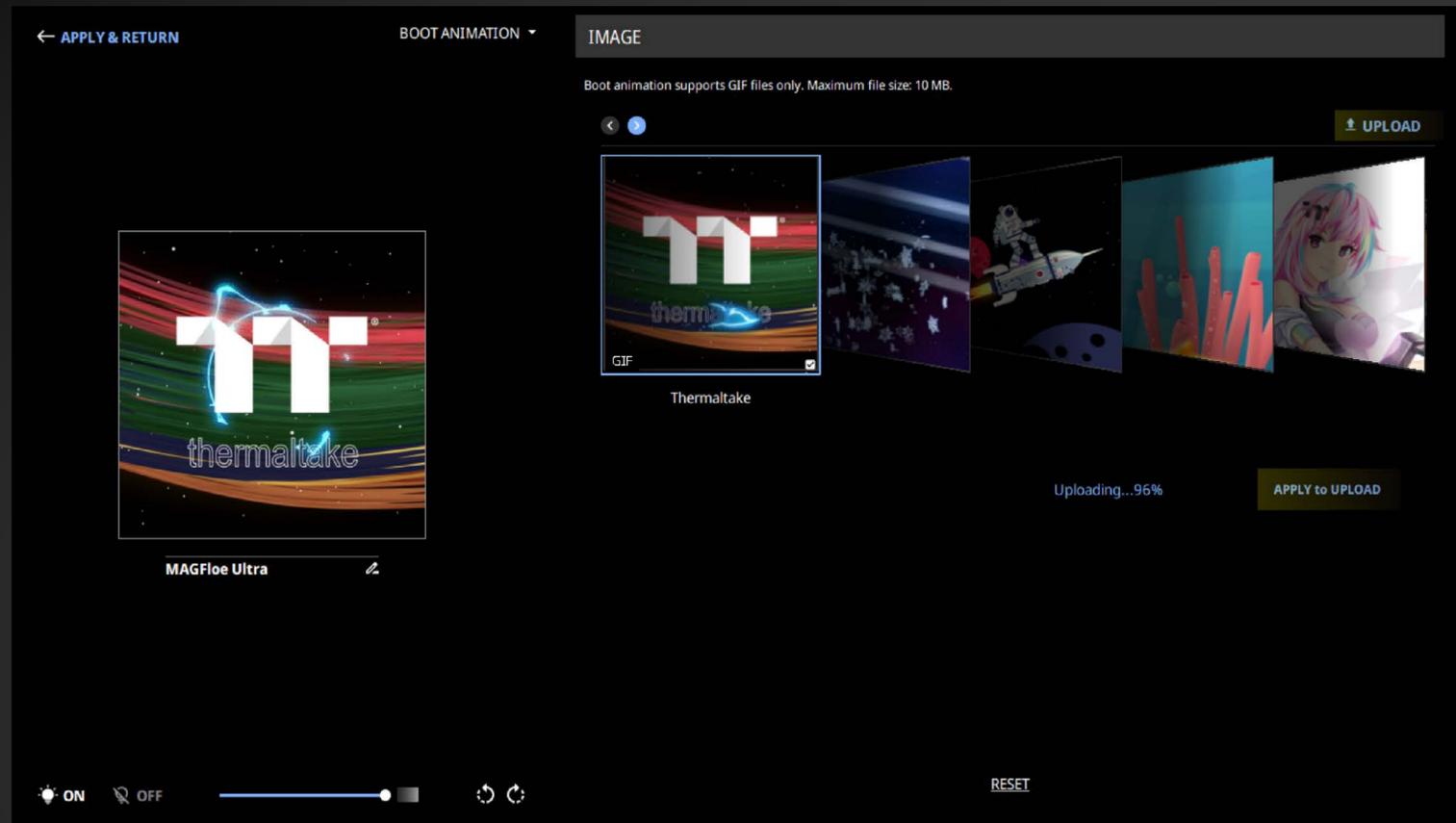
+ CAROUSEL

Select the system information to display on the LCD screen.

- **CPU INFO:** Temperature, Frequency, Load.
- **GPU INFO:** Temperature, Frequency, Load.
- **RAM INFO:** Temperature, Frequency, Load, Size.
- **PUMP INFO:** Pump Temperature.

CAROUSEL SPEED: Set the scrolling speed of the system information display.

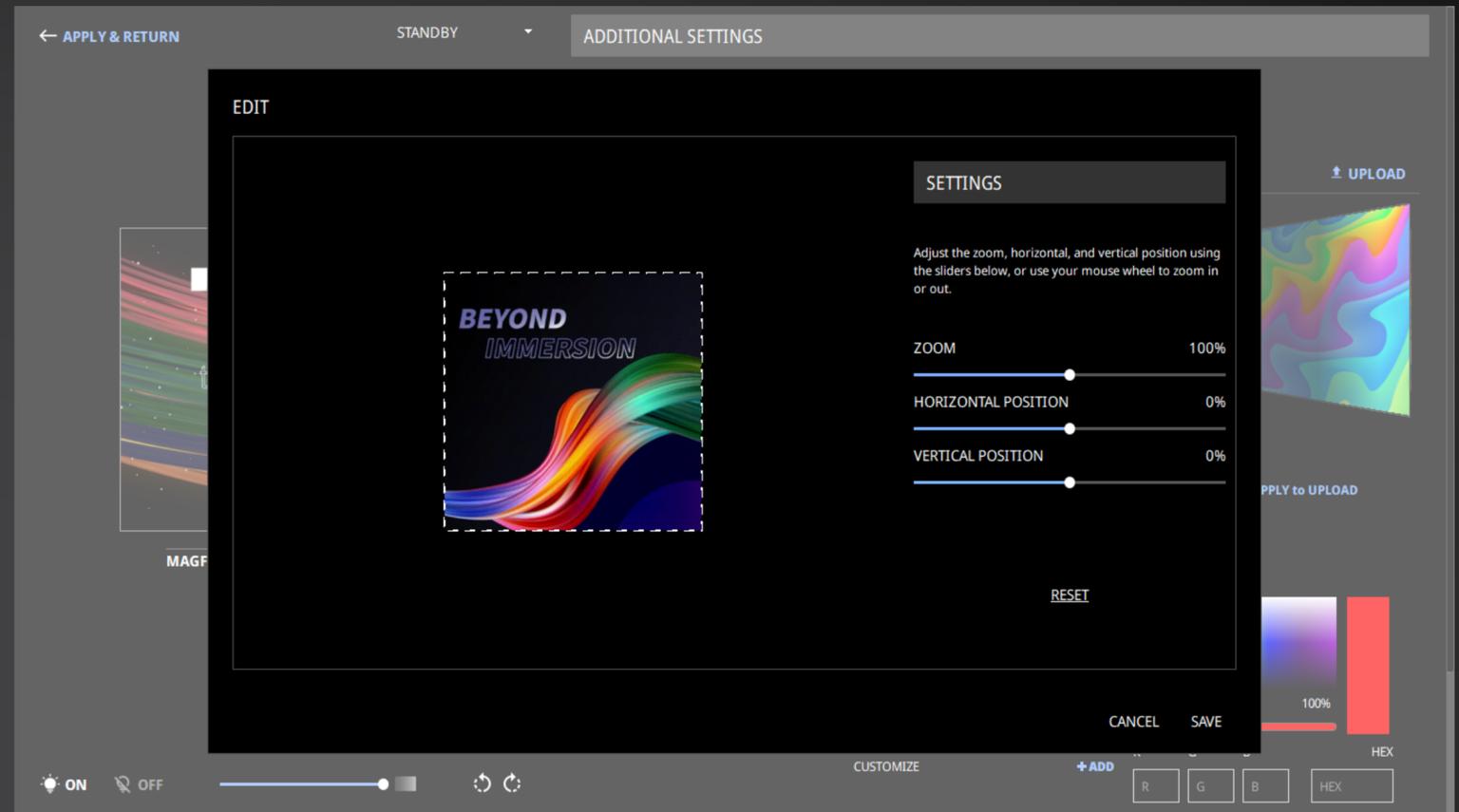
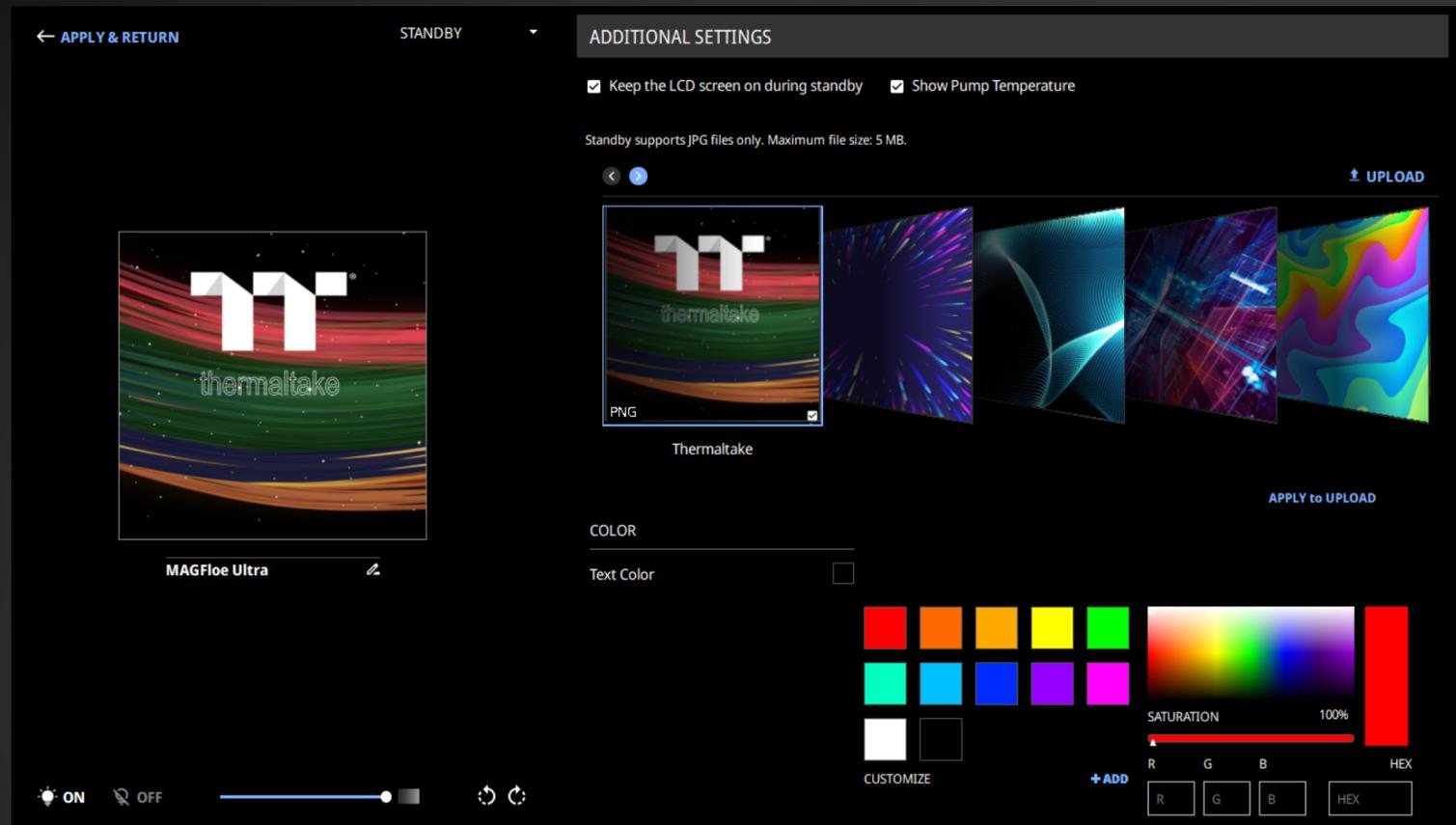
COLOR: Set the LCD background, text, and visual color.



BOOT ANIMATION

The user can set the boot animation for the LCD screen. Click "UPLOAD" to select the file for upload, adjust size and position, then click "APPLY to UPLOAD" and wait until the upload is complete.

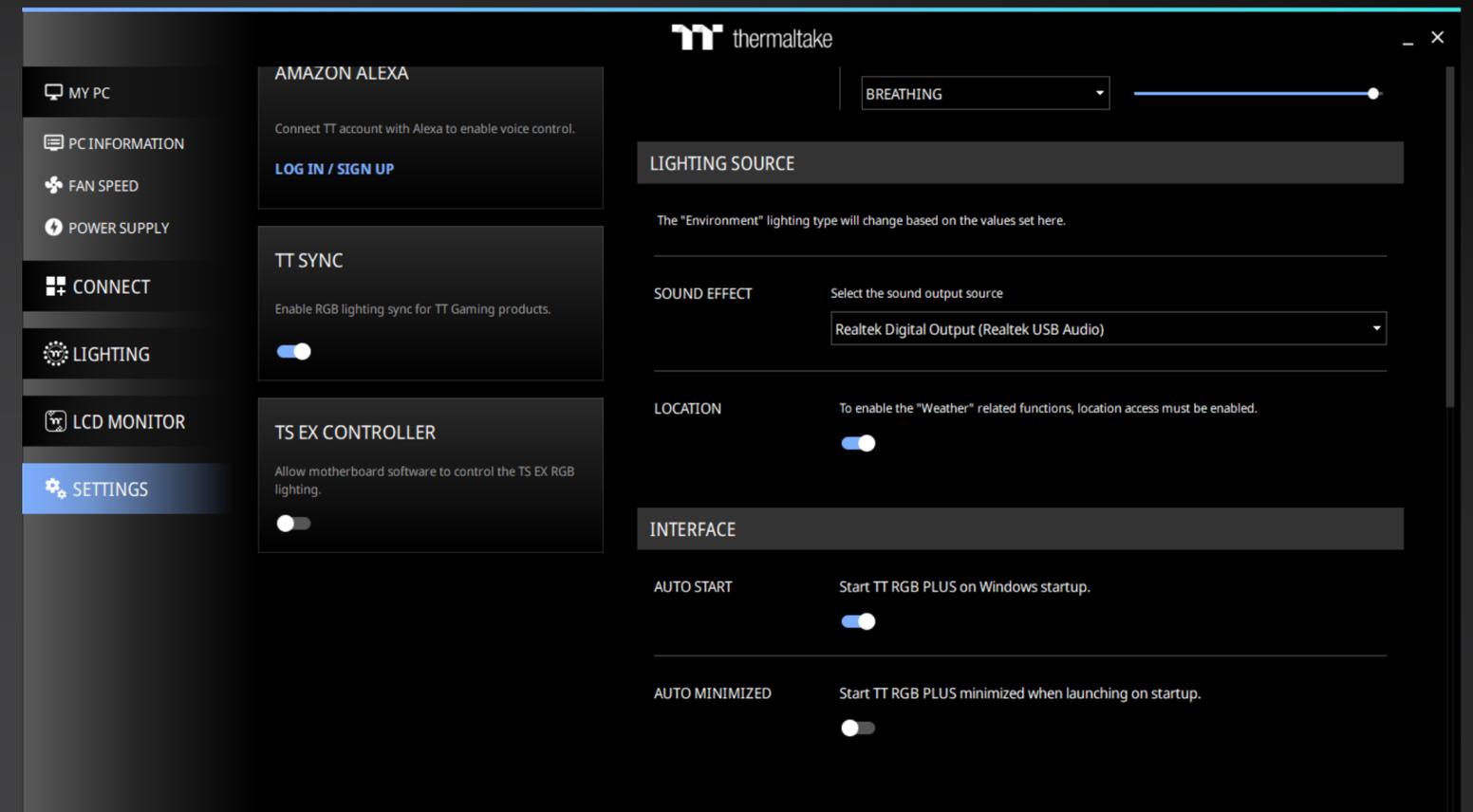
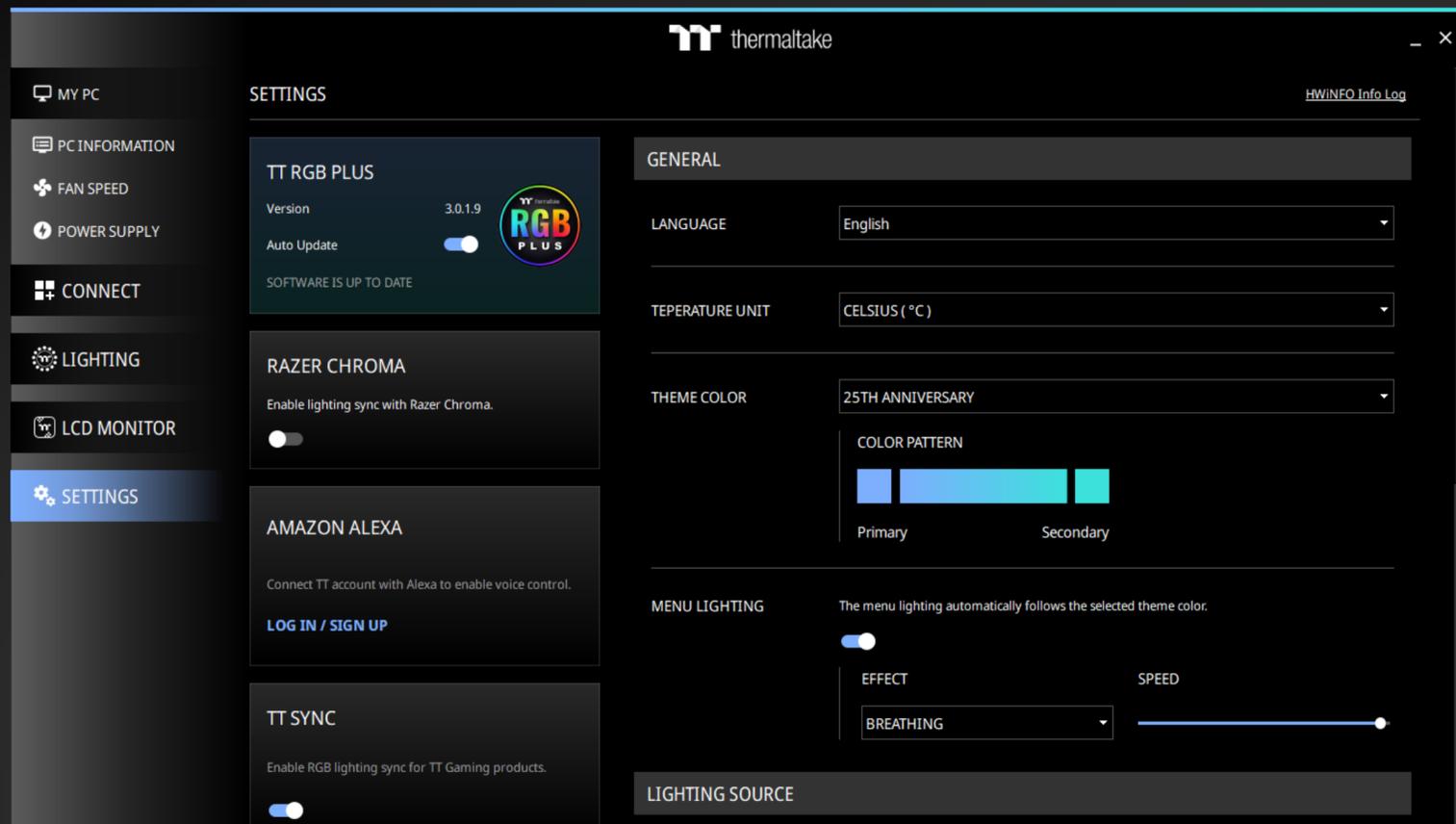
- ▶ The supported file types and sizes for the boot animation may vary depending on the LCD product.



STANDBY

The user can set the standby image for the LCD screen. Click "UPLOAD" to select the image for upload, adjust size and position, then click "APPLY to UPLOAD" and wait until the upload is complete.

- ▶ The supported file types and sizes for the standby image may vary depending on the LCD product.



SETTINGS

➤ **HWiNFO info log**
 ▪ Hardware information log.

➤ **General**

- LANGUAGE**
 - Support: English/繁體中文/简体中文/Français/Deutsch/Español/Português/Türkçe/Русский/日本語/한국어/ไทย
- TEMPERATURE UNIT**
 - CELSIUS (°C) / FAHRENHEIT (°F)
- THEME COLOR**
 - The user can set the software interface theme color pattern.
 - Default Theme: 25th Anniversary.
- MENU LIGHTING**
 - The menu lighting automatically follows the selected theme color.

➤ **LIGHTING SOURCE**
 The "Environment" lighting changes based on system temperature, background sounds, or local weather.

- SOUND EFFECT**
 - Select the sound output source.
- LOCATION**
 - To enable the "Weather" related functions, location access must be enabled.

➤ **INTERFACE**

- AUTO START**
 - Start TT RGB PLUS on Windows startup.
- AUTO MINIMIZED**
 - Start TT RGB PLUS minimized when launching on startup.

- **Function switch**
- Auto update**
 - TT RGB PLUS current version and auto-update function switch.
 - RAZER CHROMA**
 - Enable lighting sync with Razer Chroma.
 - AMAZON ALEXA**
 - Connect the TT account with Alexa to enable voice control.
 - TT SYNC**
 - Enable RGB lighting sync for TT gaming products.
 - TS EX CONTROLLER**
 - Allow motherboard software to control the TS EX RGB lighting.

TT RGB PLUS supported products.

+ Chassis

- DistroCase™ 350P Mid Tower Chassis.
- View 71 Tempered Glass RGB Plus Edition
- View 21 Tempered Glass RGB Plus Edition
- Level 20
- Level 20 GT RGB Plus
- View 91 Tempered Glass RGB Edition

+ Case Fan

- TS EX RGB Fan
- SWAFAN EX RGB PC Cooling Fan
- SWAFAN RGB Radiator Fan
- TOUGHFAN RGB Radiator Fan
- Riing Quad RGB Radiator Fan
- Riing Trio RGB Radiator Fan
- Riing Duo RGB Radiator Fan
- Riing Plus RGB Radiator Fan
- Pure Plus RGB Radiator Fan

+ AIO Liquid Cooling

- MAGCurve Ultra ARGB Sync AIO
- MAGFloe Ultra ARGB Sync AIO
- THV2 Ultra ARGB Sync AIO
- Floe Ultra RGB
- Floe DX RGB
- Floe Riing RGB
- Floe RC Ultra
- TOUGHLIQUID Ultra

+ Memory (DDR4 & DDR5)

- TOUGHRAM
- TOUGHRAM RC
- TOUGHTAM RGB
- TOUGHRAM XG RGB
- TOUGHRAM Z-ONE
- TOUGHRAM Z-ONE RGB

+ Custom Liquid Cooling

- Pacific Lumi Plus
- Pacific W4 Plus CPU Water Block
- Pacific W5 CPU Water Block
- Pacific W6 CPU Water Block (AMD Ryzen Threadripper TR4)
- Pacific W7 Plus CPU Water Block
- Pacific MX1 Plus CPU Water Block
- Pacific MX2 Ultra CPU Water Block
- Pacific SW1 Plus CPU Water Block
- Pacific VGA Plus GPU Water Block
- Pacific PR12/22/32-D5 Plus
- Pacific Core P5 DP-D5 Plus Distro-Plate with Pump Combo
- Pacific DP100-D5 Plus Distro-Plate with Pump Combo
- Pacific DP200-D5 Plus Distro-Plate with Pump Combo
- Pacific Core P6 DP-D5 Plus
- Pacific Core P8 DP-D5 Plus
- Pacific Ultra Core P6 DP-D5 Plus
- Pacific Ultra Core P8 DP-D5 Plus
- Pacific TF2 Temperature and Flow Indicator
- Pacific TF3 Liquid Cooling System Dashboard
- Pacific CL/RL 360 RGB Radiator
- Pacific RGB Plus Fittings
- Pacific A1 DDR4 RAM Water Block
- Pacific A2 Ultra Memory Water Block
- Pacific R1 Plus DDR4 Memory Lighting Kit
- Pacific R2 Ultra Memory LCD Monitor Kit
- Divider 550 TG Ultra LCD Monitor

+ LCD Monitor

- 3.9" LCD Screen Kit
- 2.1" Circle LCD Screen Kit
- 6" LCD Screen Kit

+ Power Supply

- Toughpower iRGB PLUS Series
- Toughpower DPS G RGB Series

+ Controller

- TT SYNC V2 Controller

TT SYNC supported Thermaltake gaming products

+ Keyboards

- ARGENT K5 RGB Gaming Keyboard
- ARGENT K6 RGB Gaming Keyboard
- Level 20 RGB Gaming Keyboard
- Level 20 GT RGB Gaming Keyboard
- TT Premium X1 RGB Gaming Keyboard

+ Mice

- NEMESIS SWITCH Optical RGB
- IRIS Optical RGB
- Level 20 RGB Gaming Mouse
- ARGENT M5 RGB Gaming Mouse
- DAMYSUS RGB Gaming Mouse

+ Mouse Pads

- Level 20 RGB Gaming Mouse Pad
- Level 20 RGB Extended Gaming Mouse Pad
- M900 XXL RGB Mouse Pad
- ARGENT MP1 RGB Gaming Mouse Pad

+ Mice Accessories

- ARGENT MB1 RGB Mouse Bungee

+ Headsets

- CRONOS Riing RGB 7.1
- RIING Pro RGB 7.1 Gaming Headset
- ARGENT H5 RGB 7.1 Gaming Headset

+ Headset Accessories

- E1 RGB Gaming Headset Stand
- ARGENT HS1 RGB Headset Stand

+ Microphone

- GS50 RGB USB Pro-Grade Condenser Streaming Microphone

+ Gaming Desks

- Level 20 BattleStation RGB Gaming Desk
- ARGENT P900 Smart Gaming Desk
- TOUGHDESK 350 Smart Gaming Desk
- Thermaltake CYCLEDESK 100 Smart Gaming Desk

The following products are not supported.

- TT RGB PLUS 3.0 does not support lighting control for Toughpower DPS G RGB Series, Toughpower DPS Series, and Smart DPS G Series.
- TT RGB PLUS 3.0 does not support the Riing 12/14 RGB Radiator Fan.

TT RGB PLUS lighting effects support third-party products.

+ ViewSonic

- ELITE XG240R
- ELITE XG270QC
- ELITE XG270R
- ELITE XG350R-C

+ DRAM

- T-FORCE XCALIBUR RGB DDR4 Memory Module
- T-FORCE DELTA RGB DDR4 Memory Module
- T-FORCE NIGHT HAWK RGB DDR4 Memory Module

+ Motherboard

- MSI Motherboard.

▶ The software interface may vary with feature updates. Please download the latest software version from www.thermaltake.com