M-VISION DASHBOARD

USER GUIDE

(For Motherboard)

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About M-VISION DASHBOARD

The M-VISION Dashboard can be used to display system information, CPU temperature, CPU speed, BIOS flash status and error message. You also can power on/ off the system and launch the MSI Center, Youtube, music APP, browser of the system by touching the M-VISION Dashboard. You can use MSI's software to configure and customize the M-VISION Dashboard Advanced mode and even upload a .gif/ .bmp/ .png/ .jpg or .mp4 animation file.

M-VISION DASHBOARD feature

- 3.5 inch IPS LCD panel (resistive single touch).
- Full color display
- Touch control
- Magnetic connection
- Support detached mode
- Speaker function
- Customizable with MSI software

M-VISION DASHBOARD function

- Power on, power off, and restart the system.
- CPU performance tuning, you can overclock the CPU BCLK or CPU ratio.
- Monitor system status.
- Reset BIOS
- Countdown Timer
- Turn on/ off the system's APPs, browser and calculator.
- Pictures/ animations demonstration

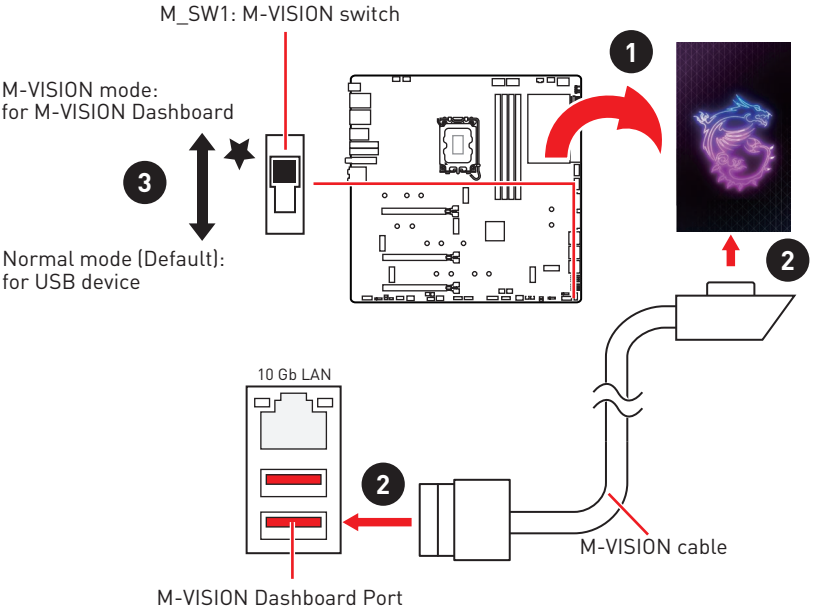
Important

- *The screenshots for the UI in this user guide are for reference only and the actual UI design may vary.*
- *All information is subject to change without prior notice.*

Connecting the M-VISION Dashboard

The M-VISION Dashboard can be connected to the motherboard not only by the magnetic case (default mode) but also by the M-VISION cable (detached mode). Please follow the steps below to connect M-VISION Dashboard to the motherboard by M-VISION cable.

1. Remove the M-VISION Dashboard from the motherboard.
2. Use the supplied M-VISION cable to connect the M-VISION Dashboard and specified USB port (M-VISION Dashboard port) on the back panel.
3. Switch the M-VISION switch (M_SW1) to the M-VISION mode.



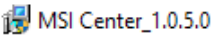
Get Started

System Requirements

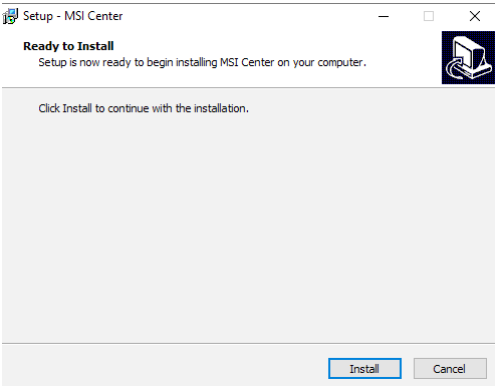
- Operating System:
  - Windows 10 64-bit or later.

Installing MSI Center

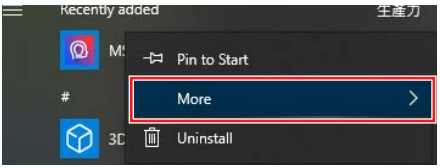
1. Go to MSI Website download **MSI Center**.
2. Extract the downloaded file.
3. Double-click on the extracted **MSI Center** setup program.



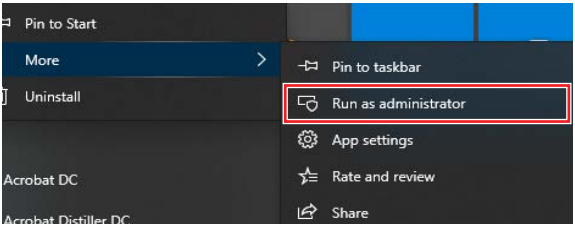
4. Click **Install** to continue the process.



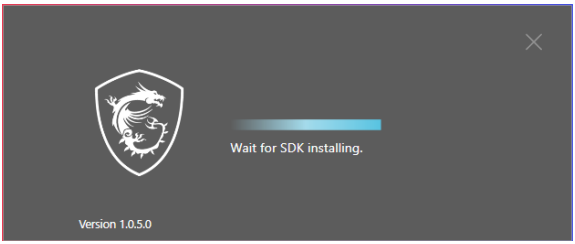
5. Open the Start menu, then right-click on MSI Center.
6. Hover over **More**.



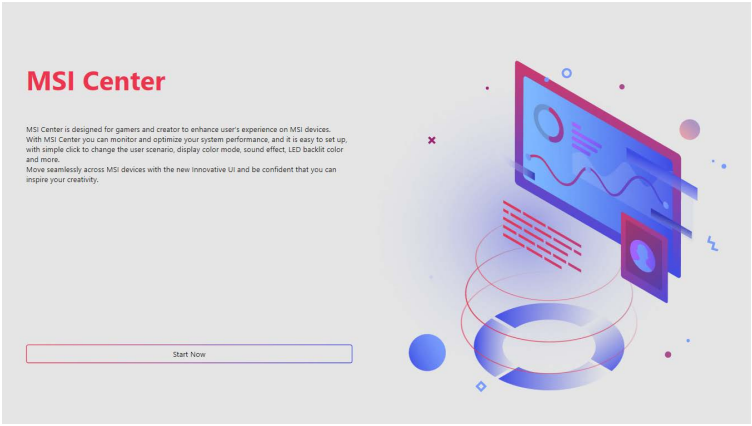
7. Select **Run as administrator**.



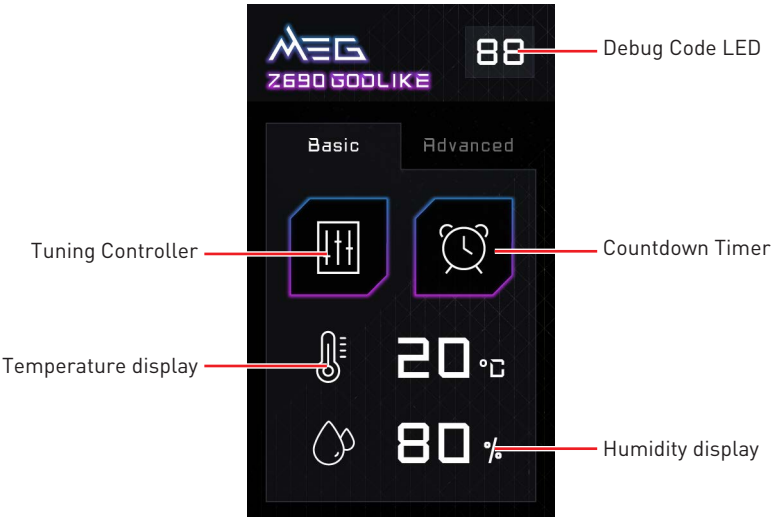
8. Please wait until the installation is complete.



9. You can start to use MSI Center.

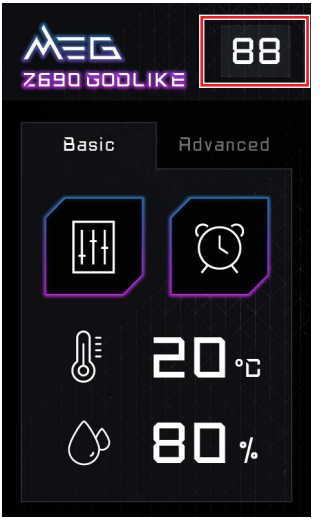


Basic mode



Debug Code LED

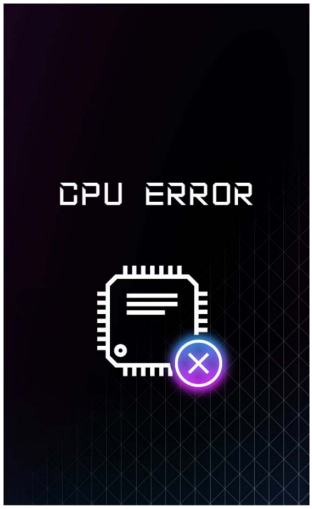
It displays progress and error codes during POST and shows the CPU core temperature after start-up the system successfully. Please refer to the Debug Code LED table in motherboard's user manual for details.



Debug status

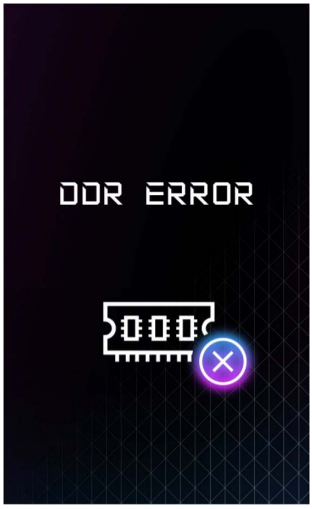
CPU Error

CPU is not detected or failed. And the M-Vision Dashboard will sound an alarm, you can replace the alarm sound with your desired by MSI center.



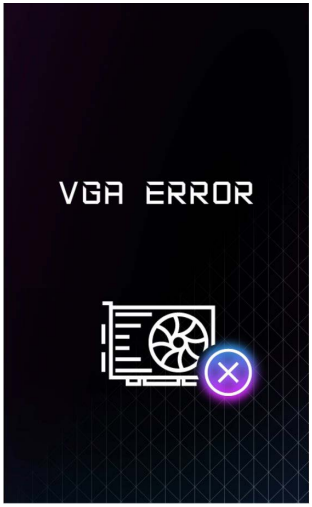
DDR Error

DDR memory is not detected or failed. And the M-Vision Dashboard will sound an alarm, you can replace the alarm sound with your desired by MSI center.



VGA Error

GPU is not detected or failed. And the M-Vision Dashboard will sound an alarm, you can replace the alarm sound with your desired by MSI center.



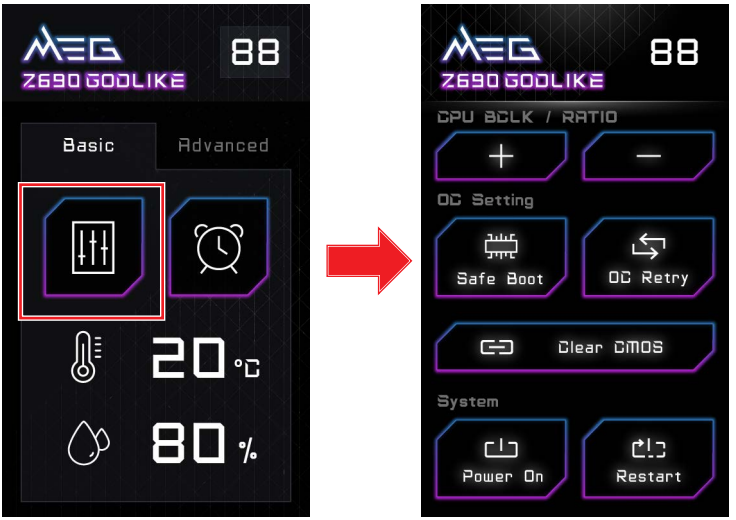
Boot Fail

Booting device is not detected or fail.



Tuning Controller

Tuning controller menu helps you to monitor, control and overclock the motherboard more easily.



CPU CLK - / +

Touch + / — to incress/ decrease the CPU base clock/ CPU ratio. Please go to **BIOS > OC > Direct OC Button** and select the CPU BCLK or CPU Ratio to be overclocked.

Safe Boot

Touch Safe Boot and start the system simultaneously to boot in Safe Boot mode. The system will boot with default and lower the PCIe (from CPU) mode.

OC Retry

Touch OC Retry to retry OC settings until the system boot up successfully.

Clear CMOS

Power off the computer and than touch Clear CMOS to reset BIOS with defaults.

Power On

Touch Power On to power on the computer.

Restart

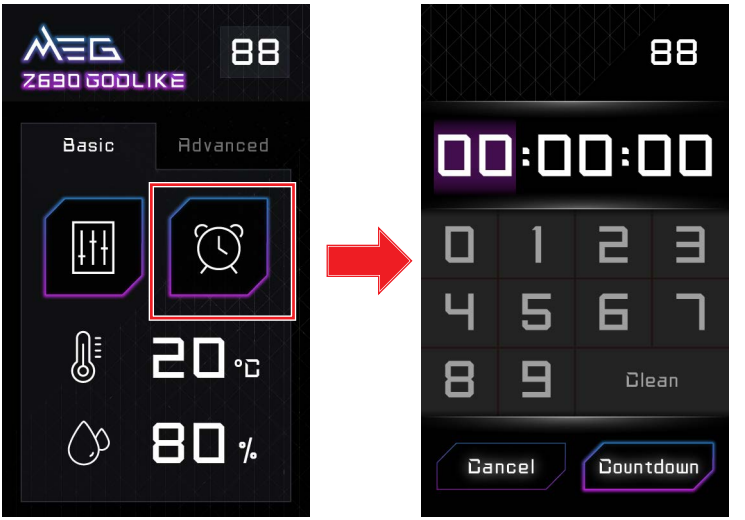
Touch Restart to restart the computer.

Important

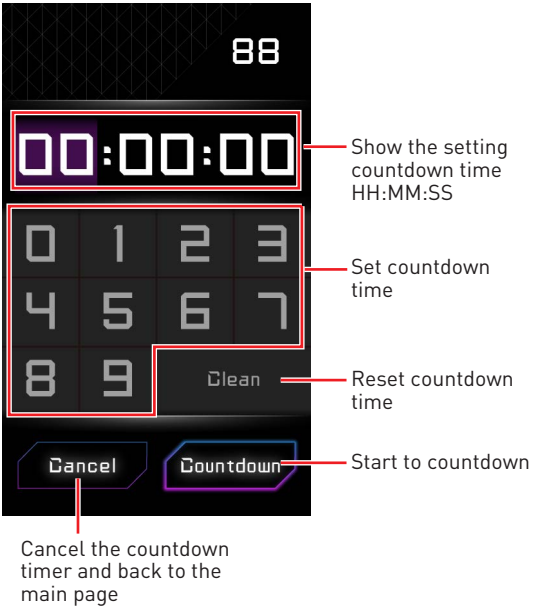
Tuning Controller menu is only available in the POST process.

Countdown Timer

Touch  to enter the countdown timer setting page, it allows you to set the time for the countdown timer.



Countdown timer setting page

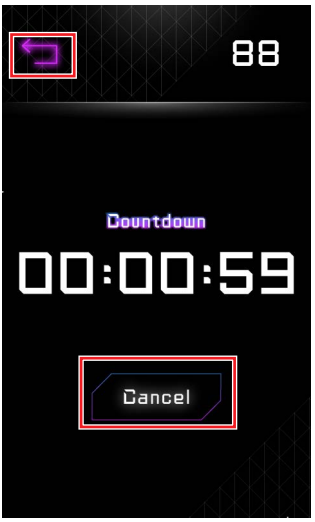


When you touch 

to start the countdown timer, the screen will show as below.

- Touch  to go to the main page, and the timer is still counting.
- Touch 

to stop the countdown timer and back to the main page.



When the countdown time is up, the screen will show as below.

- Touch 

to stop time-up sound and it will back to the countdown timer setting page.

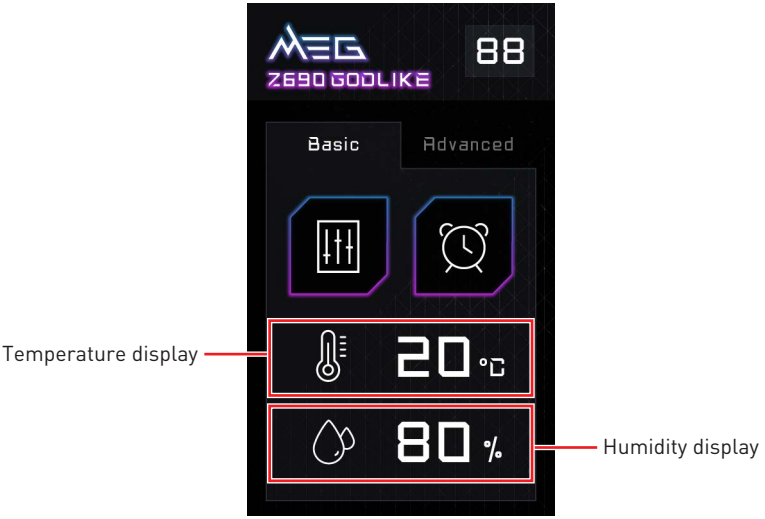


Temperature display

Show the ambient temperature. The temperature will refresh every minute.

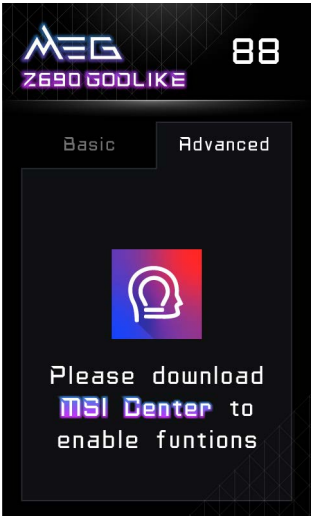
Humidity display

Show the ambient humidity. The humidity will refresh every minute.



Advanced mode

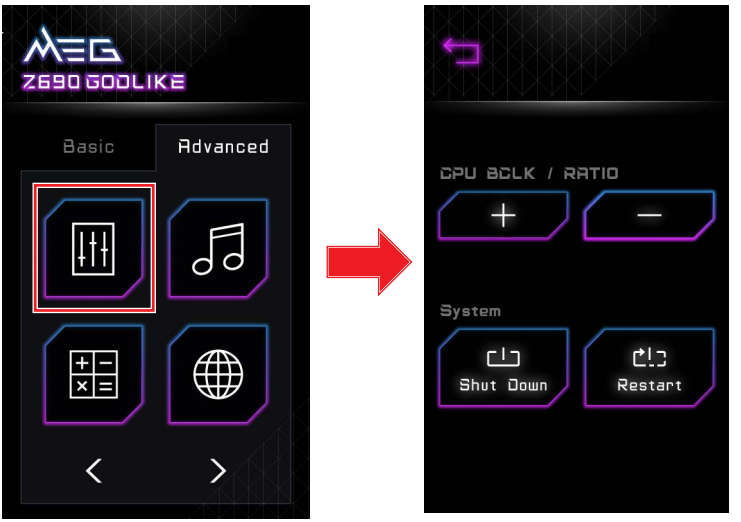
Before using the M-Vision Dashboard advanced mode, please make sure you have installed the MSI Center. If not, the M-Vision Dashboard will show a warning message on the screen (as shown below) and the advanced mode is disabled. Please download and install the MSI Center to enable the advanced mode.



You can use the MSI Center to configure and customize the advanced mode of the M-Vision dashboard and even upload the pictures or animation files. The M-Vision dashboard can be used to display the system information and status. You can also use it to turn on the system's APPs, browser, and calculator by touching the shortcut icons.

EZ Tuning

Touch  to enter the EZ Tuning menu.



CPU CLK - / +

Touch  / to incress/ decrease the CPU base clock/ CPU ratio. Please go to **BIOS > OC > Direct OC Button** and select the CPU BCLK or CPU Ratio to be overclocked.

Shut Down

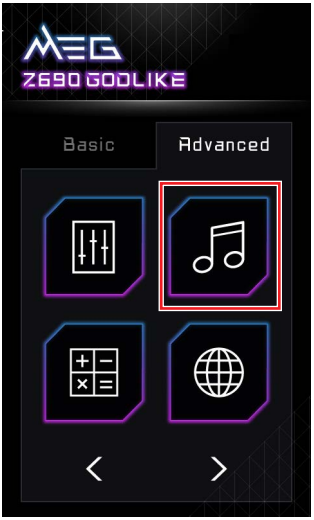
Touch  to power off the computer.

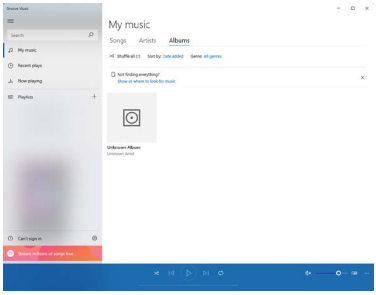
Restart

Touch  to restart the computer.

Music player shortcut

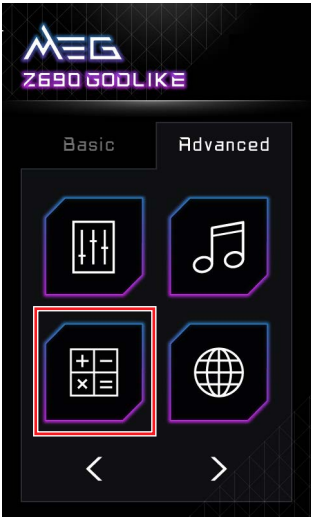
Touch  to open the music player on your system.

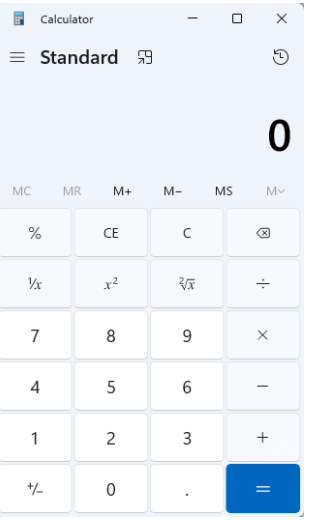




Calculator shortcut

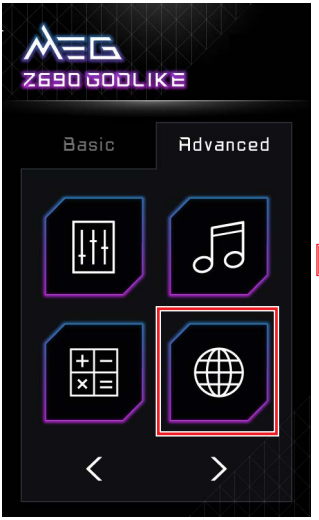
Touch  to open the calculator on your system.

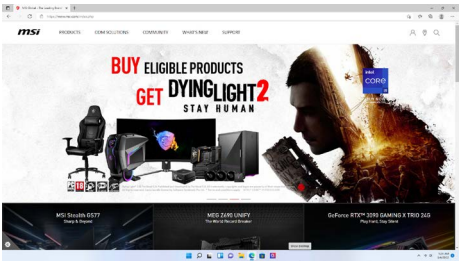




Web browser shortcut

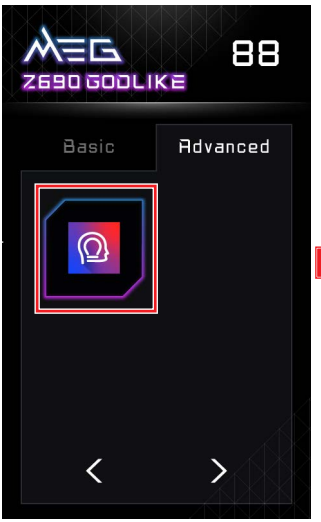
Touch  to open the default web browser on your system.

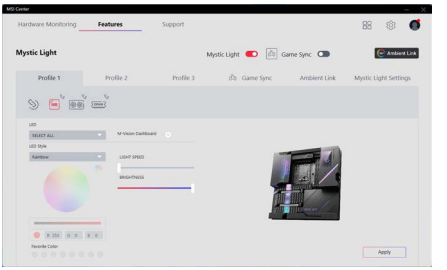




MSI Center shortcut

Touch  to open the MSI Center on your system.

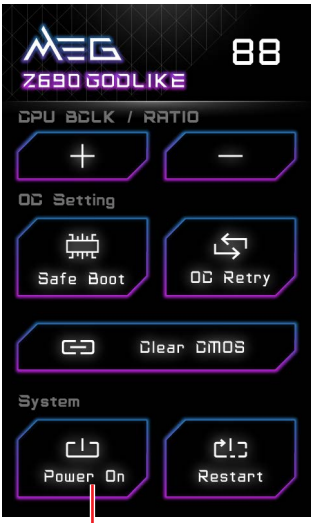




Power On the computer

Important

Before you power on the system, please touch the M-VISION to awaken the screen.



Touch Power On tab to power on the computer

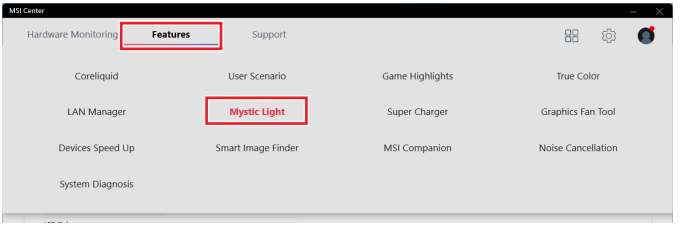
You can power on the system with M-Vision dashboard. Please touch the power-on tab when the system is in the S5 or shutdown state.

Configure advanced mode with MSI Center

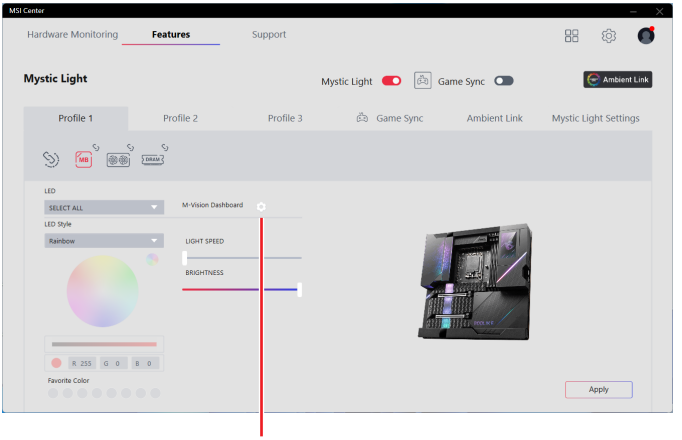
You can configure the Advanced Mode of the M-Vision dashboard with MSI Center.

How to open M-Vision Dashboard setting menu

1. Open the Start menu, then select MSI Center .
2. Go to **Features > Mystic Light**.

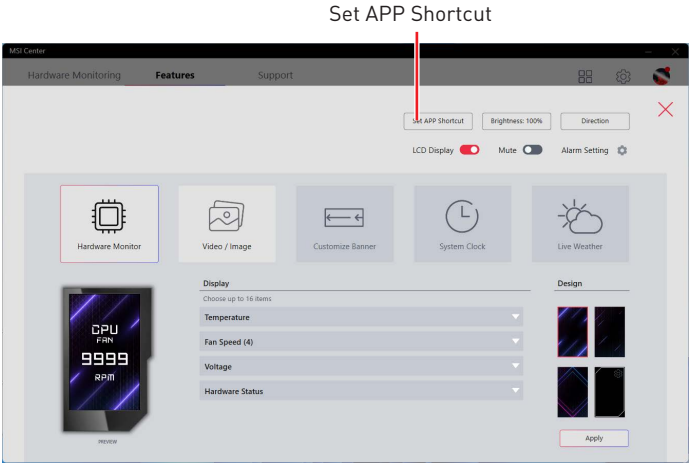


3. M-Vision Dashboard icon to enter M-Vision Dashboard setting menu.



M-Vision Dashboard icon

M-Vision Dashboard setting menu

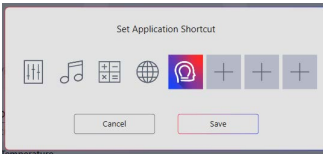


Set APP Shortcut

Set the application/ web page shortcut for your M-Vision Dashboard. And then you can touch the shortcut to open the application on your system.

Set application shortcut

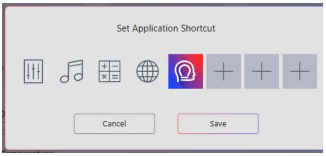
1. Click the **Set APP Shortcut** Set APP Shortcut .
2. When prompted, click + and select one application file (executable file).



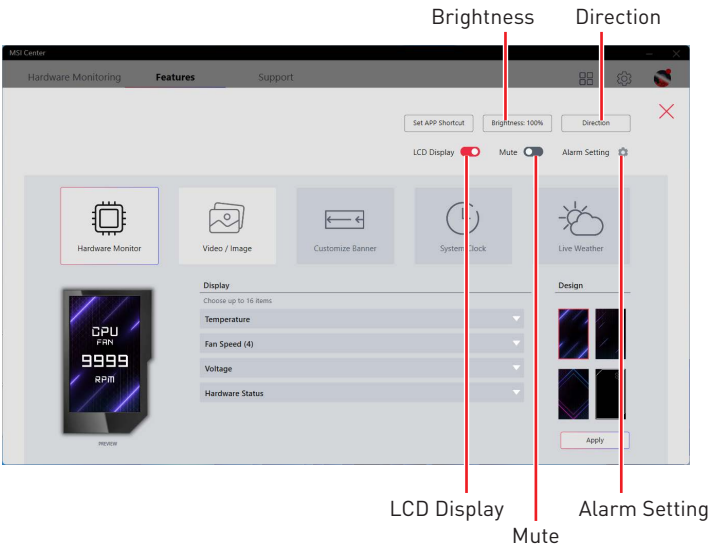
3. Click **Save** to apply the setting.

Set web page shortcut

1. Add the web page shortcut to windows desktop.
2. Click the **Set APP Shortcut** Set APP Shortcut .
3. When prompted, click + and select the web page shortcut.



4. Click **Save** to apply the setting.



Brightness

Set the screen brightness for M-Vision DASHBOARD.

Direction

Select the screen direction for M-Vision DASHBOARD.

LCD Display

Turn on/ off the LCD display of M-Vision DASHBOARD.

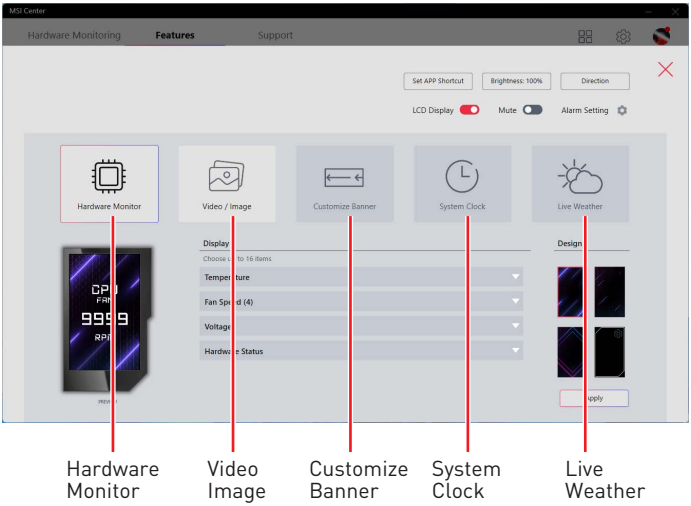
Mute

It allows you to mute the sound of the M-Vision DASHBOARD.

Alarm Setting

Set the alarm and warning sounds.

Audio file format support: .WAV / .MP3 ; maximum 5 seconds.



Hardware Monitor

Select the display items of the hardware monitor function. The pieces of information of selected items will be shown on the M-Vision DASHBOARD sequentially.

Video Image

Uploading custom animation file.

File Restriction: .BMP/ .JPG/ .PNG/ .GIF/.MP4 ; 800x480 px ; maximum time 100 seconds.

Customize Banner

Uploading custom banner.

File Restriction: .BMP/ .JPG/ .PNG/ .GIF/.MP4 ; 800x480 px.

System Clock

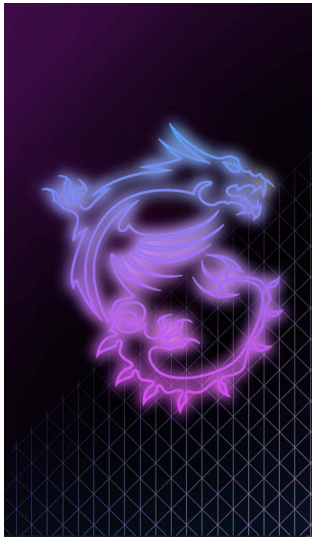
Select the display style of the system clock.

Live Weather

Enable or disable to show the live weather of the designated city.

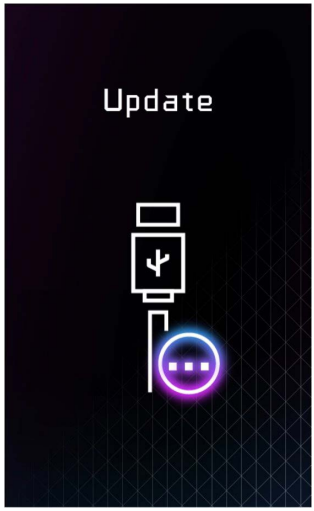
Others

S4/S5 (Suspend to Disk/Shutdown) state

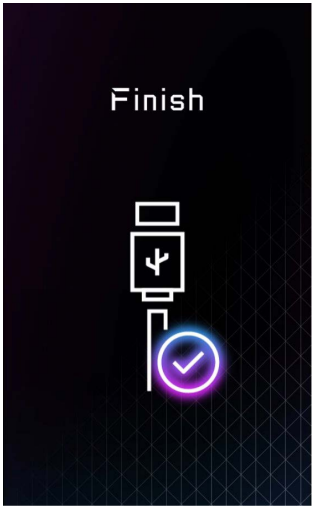


Flash BIOS states

Updating BIOS



BIOS Update completed



BIOS Update failed



No BIOS file or can not read the BIOS file

