



USER GUIDE

DRAGON CENTER
for Gaming
NOTEBOOK

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About DRAGON CENTER

- Optimize game settings and enjoy a high quality gaming experience.
- System performance tuning, you can choose overclock or silent.
- Monitor system information.
- Adjust the best display settings for your eyes.
- Register your MSI products.
- Control the LED light effects and synchronize effects to your devices.
- Use utilities to control special features.
- Set the charging method and calibrate the battery.
- Backup system.



Important

THE SOFTWARE FEATURES IN THIS USER GUIDE VARY BY PRODUCT.

THE SCREENSHOTS FOR THE UI IN THIS USER GUIDE ARE FOR REFERENCE ONLY AND THE ACTUAL UI DESIGN MAY VARY.

DRAGON CENTER Basics

Main Screen



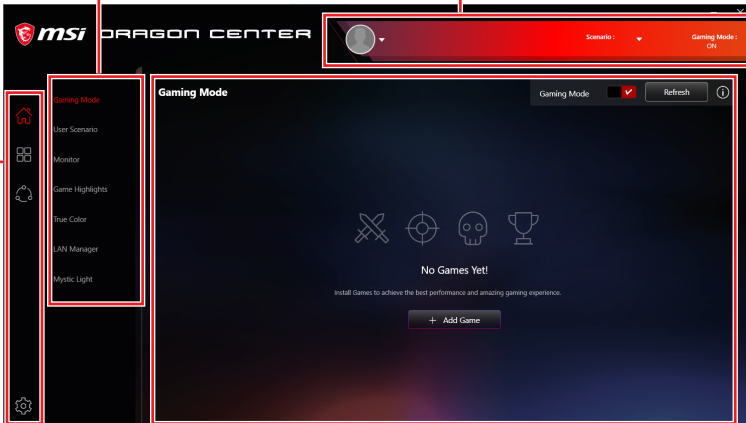
Important

The screenshots for the UI in this user guide are for reference only and the actual UI design may vary.

Main Menu

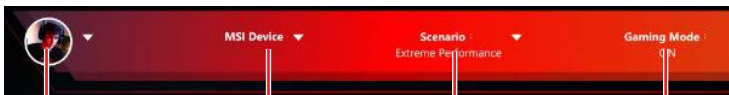
Information Bar

Sub Menu



Operation Panel

Information Bar



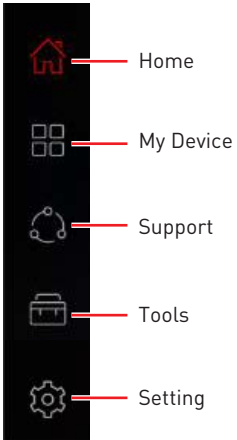
Display System Profile Picture/ Login/ Logout

Display MSI product currently in use. Click to enter the control page.

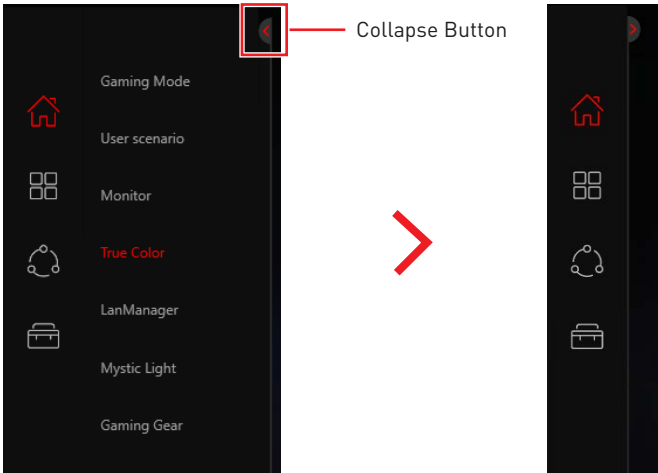
Display mode currently applied. Switch between different modes by selecting a mode from the drop-down menu.

Display Gaming Mode Status.

Main Menu



Sub Menu



Game Optimization

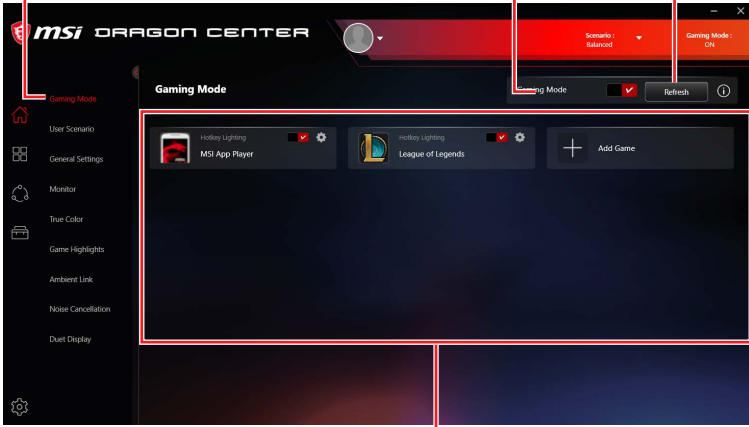
The Gaming Mode feature will optimize the computer system, monitor, cooler and other peripherals to provide the best gaming experience.

Gaming Mode

Select **Gaming Mode** in the sub menu to enter Gaming Mode control panel

Gaming Mode switch

Refresh software list button



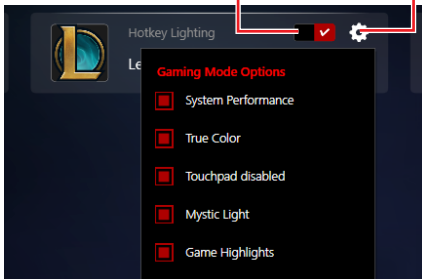
Applications Optimized by Gaming Mode

Gaming Mode Option

Game Mode switch and option settings are available in the upper right corner of each game icon. You can choose whether the game applies Game Mode, such as System Performance, True Color, Touchpad Disabled, Mystic Light and Game Highlight while playing the game.

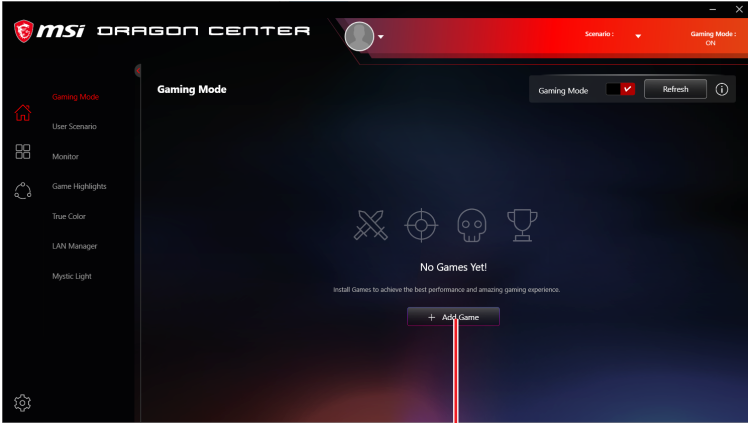
On/Off the switch to apply Gaming mode

Option Settings

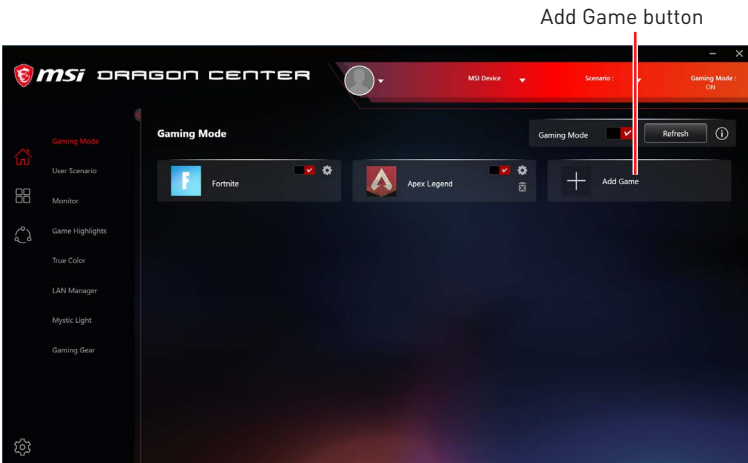


How to Add Games into Gaming Mode

Click **Add Game** button. Then select the game's **.exe** file.

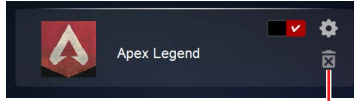


Add Game button



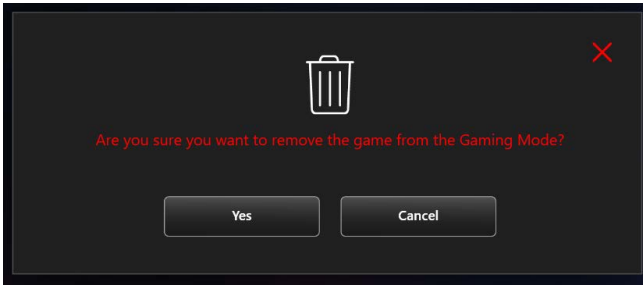
How to Remove Games from Gaming Mode

1. Click **Remove Game** icon.



Remove Game button

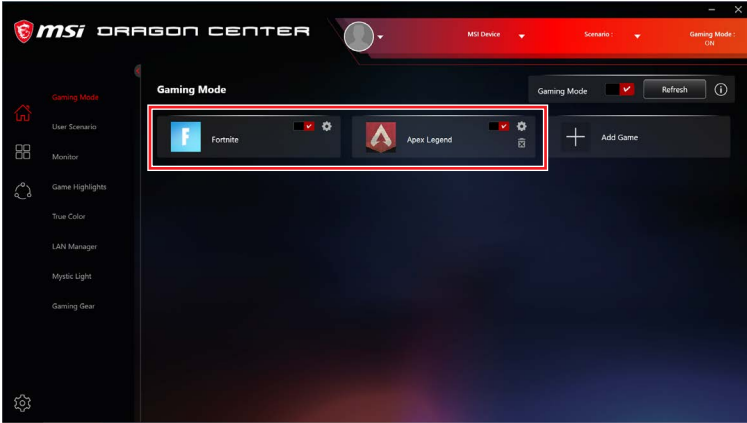
2. When prompted, click **Yes** button to confirm this deletion, or click **Cancel** button to cancel this process.



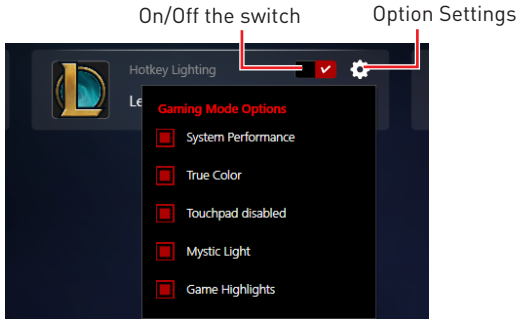
How to Enable Gaming Mode

You can enable the Gaming Mode to adjust settings for System Performance, True Color, Nahimic, Mystic Light and Game Highlights while playing the game.

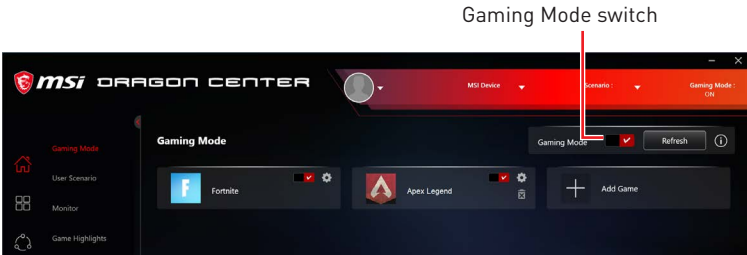
1. Select the installed game icon in Home > Gaming Mode.



2. Check Gaming Mode Options.
3. Turn on the switch for the game.



4. Turn on Gaming Mode switch.



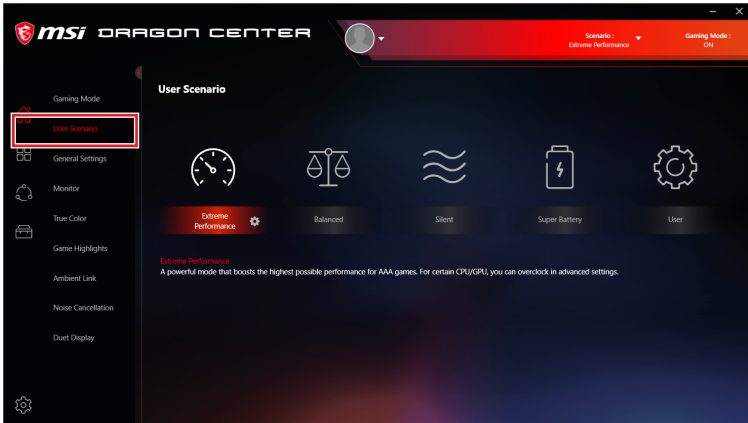
5. Play the game.

User Scenario

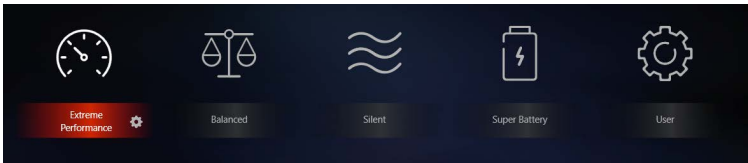
Selecting User Scenario

The DRAGON CENTER has default scenarios and customized preset options.

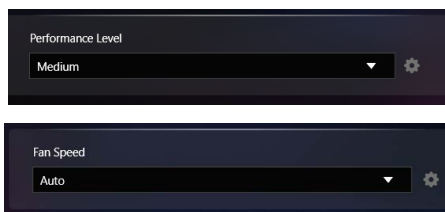
1. Go to Home > User Scenario.




2. Select one of the options.



- **Extreme Performance** – A configuration that boosts the highest possible performance for AAA games, and enables overclocking (You can click the gear icon to open the OC Option panel).
- **Balance** - MSI recommended settings for average users.
- **Silent** - A configuration that allows system to run smoothly with minimum loading.
- **Super Battery** - A power-saving mode that lowers the power consumption for basic needs.
- **User** - Customize the performance level and fan speed as desired.



OC Options

In the lower right corner of Extreme Performance, click the setting  icon to open OC Options.



Overclocking CPU

Only GT models with K-SKU CPU have this function.

Adjust the frequency of each CPU core



Enable/Disable Cooler Boost feature

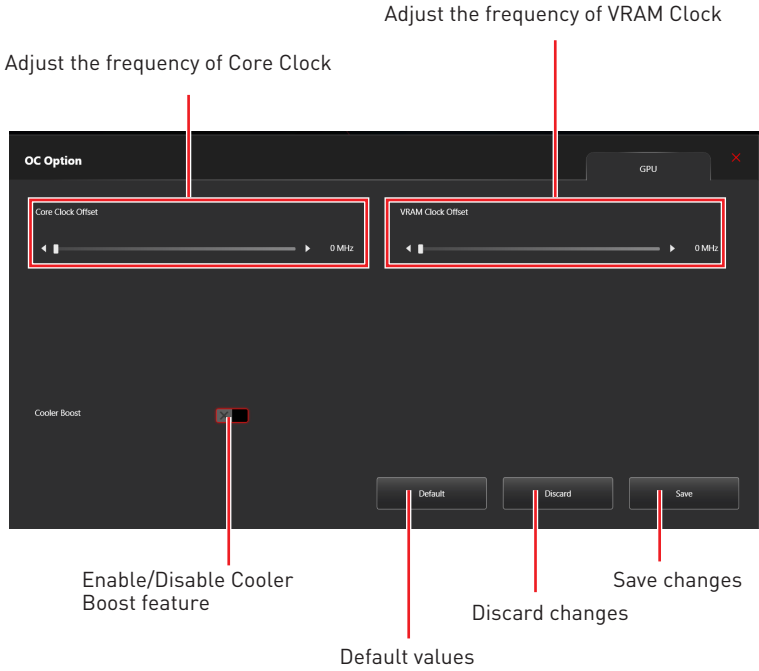
Default values

Discard changes

Save changes

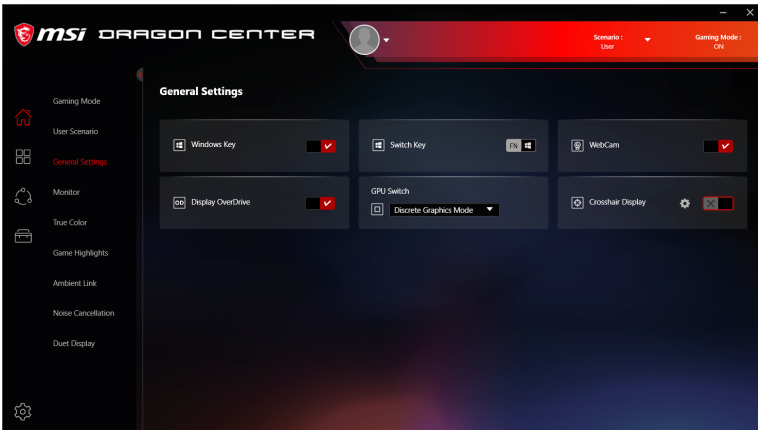
Overclocking GPU

This function is only available for 1050 GPU or higher.



General Settings

You can enable/disable some general settings in this panel.



Important

The features in the General Settings vary by product.

Windows Key - Click to enable or disable the Windows key on the keyboard.

Switch Key - Click to switch the Windows key and the Fn key on the keyboard.

WebCam - Click to enable or disable the webcam.

Display OverDrive - Only available on certain displays. Once enabled, the response time of the will be overlocked.

USB Lighting - Control the USB port lighting mode.

GPU Switch - Click to switch the MSHybrid Graphics Mode and the Discrete Graphics Mode.

Crosshair Display - Click to enable or disable the Crosshair Display. Click the gear icon to open the True Color control and choose the type of crosshair and its color.

Monitor

Monitor feature provides a custom hardware monitor gadget to display the system status.

Select **Monitor** in the sub menu to enter Monitor page

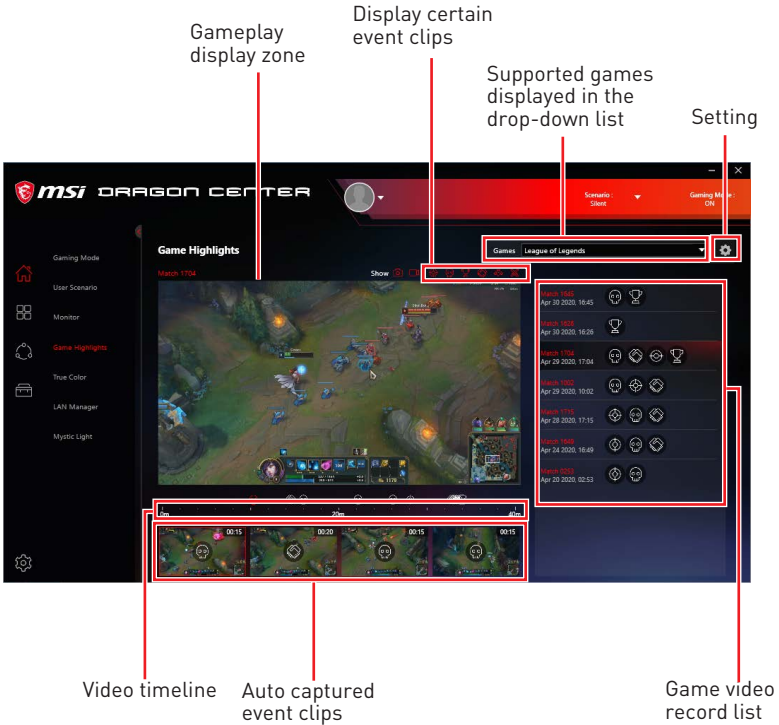
Click to clean up the disk



Click to free up memory

Game Highlights

Game Highlights feature will automatically capture clips of amazing gameplay moments. It looks for certain events which occurs in games, and saves the captured videos in your local folder.



Important

Game Highlights feature only supports certain series. In addition, this function is currently available in Fortnite, League of Legends, and Apex Legends.

How to Share Game Highlights to Social Media

Game Highlights feature supports uploading videos directly to social media, such as YouTube, Twitter, and Discord.



Options to open files in the folder and to directly share clips to social media

How to Remove Game Highlights

You can choose to delete game highlight video which includes several clips or to remove one single game highlight clip from the whole game video.

Click here to remove the game highlight video

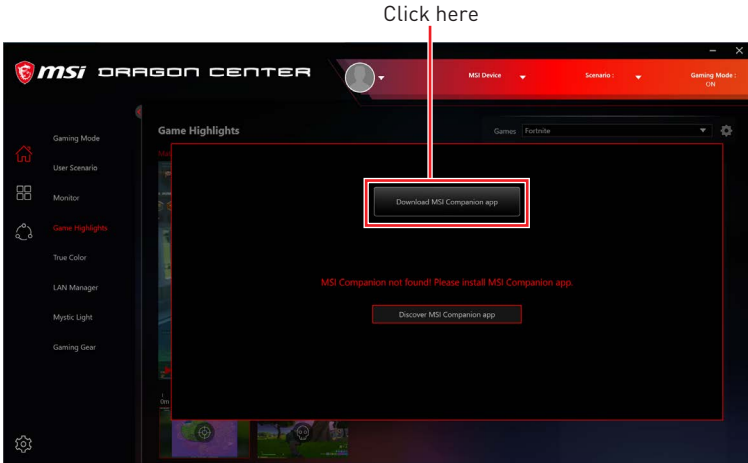


Click here to remove the game highlight clip

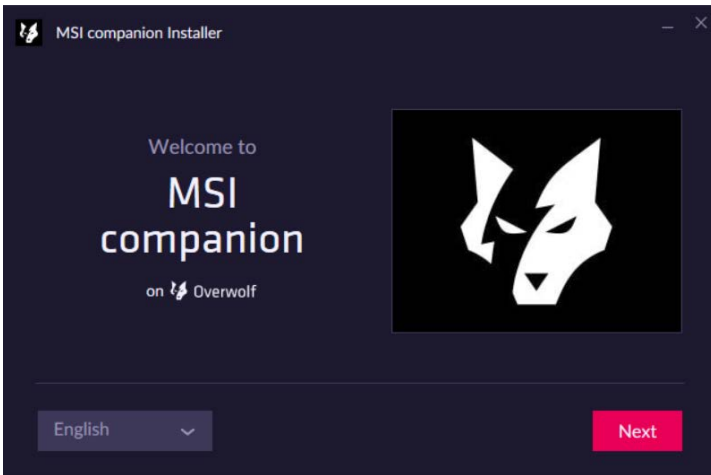
Installing MSI Companion

Before you enable Game Highlights function, you should install MSI Companion first.

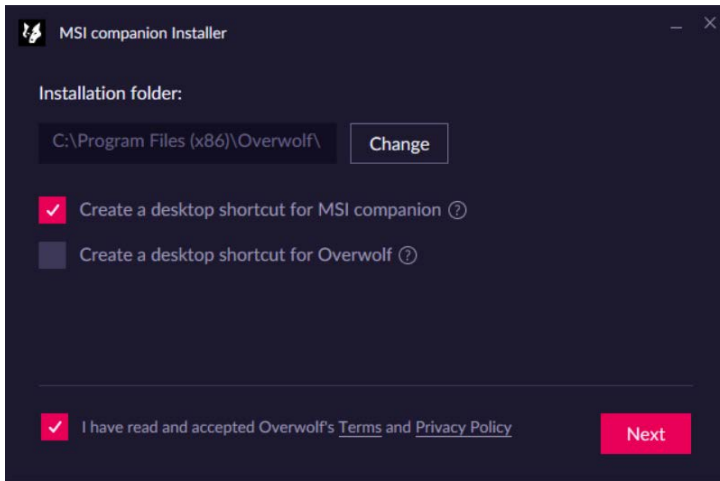
1. Go to Home > Game Highlights.
2. When a prompt window appears, click **Download MSI Companion app**.



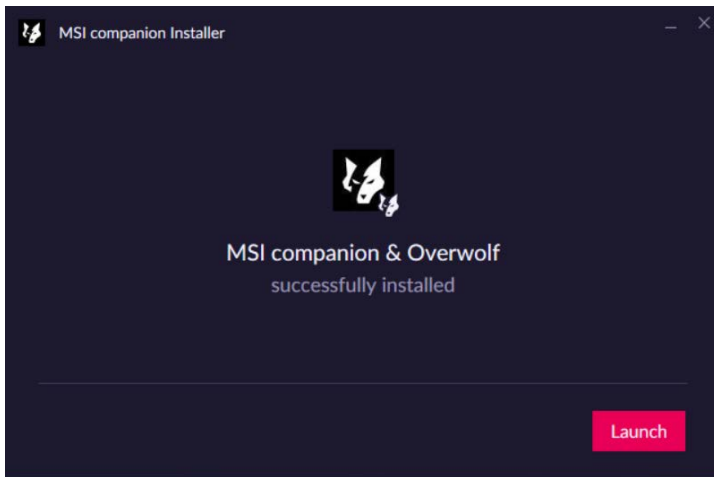
3. Execute **MSI Companion-Installer.exe**, and click **Next** to continue the process.



4. Select **I have read and accepted Overwolf's terms and Privacy Policy**.






5. After finishing MSI companion and Overwolf Installation, click **Launch** to activate MSI companion.



How to Activate MSI Companion

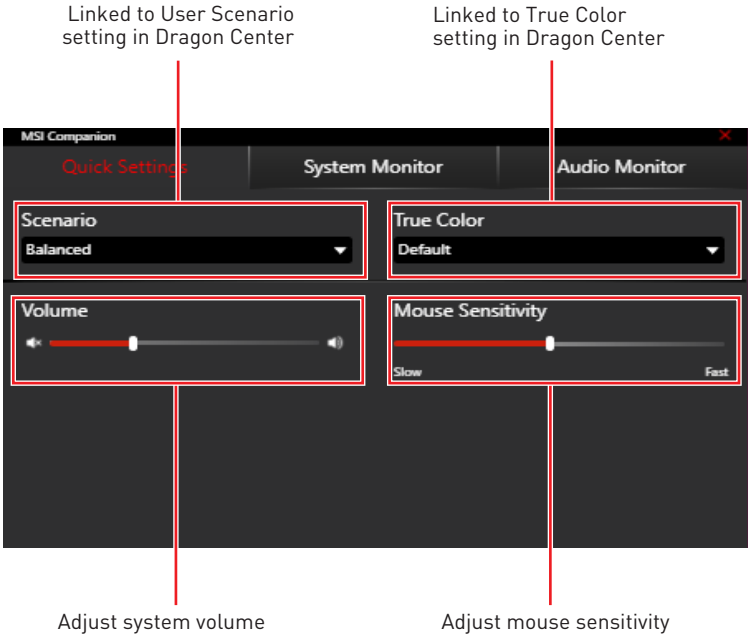
You can activate MSI companion by one of the following methods:

- Open Overwolf in System Tray, and click MSI Companion .
- Press ctrl + tab in games to open Overwolf, and click MSI Companion .
- Click MSI Companion  on the desktop.

Setting MSI Companion

After activating MSI Companion app, you will see a pop-up window displaying detailed settings for Quick Settings, System Monitor, and Audio Monitor.

On Quick Settings tab

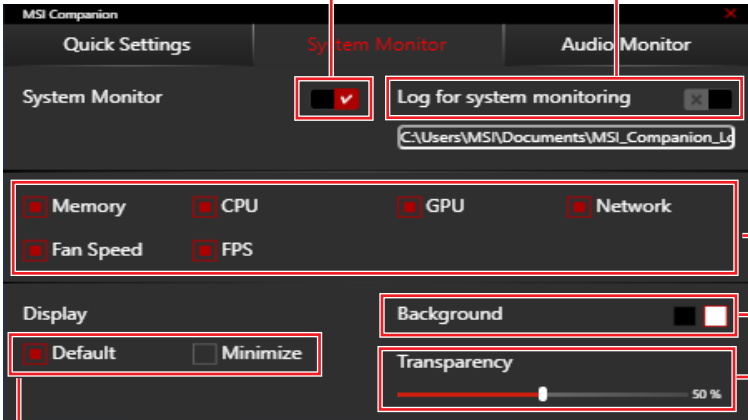


On System Monitor tab

Select the system performance you want to display on the screen

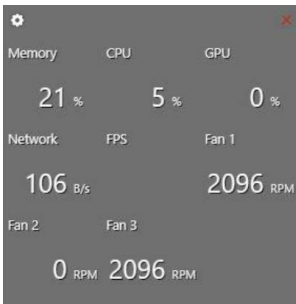
Turn on System Monitor to display system performance in games

Turn on to save log files for system monitoring



You can choose one from these two display ways, it will show an in-game overlay with the pattern you select.

- Default



- Minimize



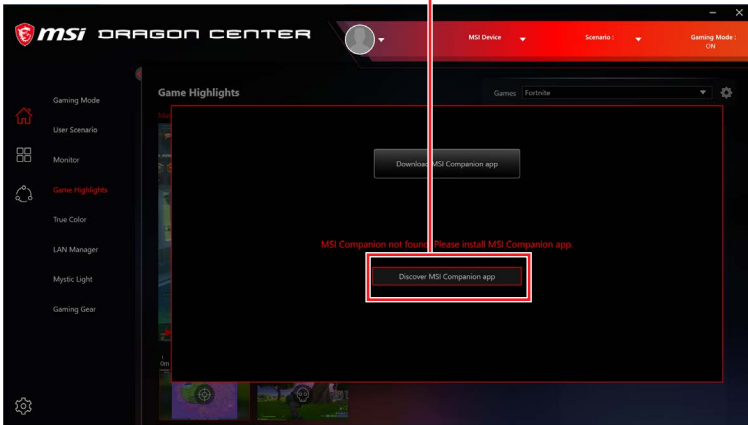
Adjust transparency for monitor background

Select black/ white monitor background


How to Discover MSI Companion

1. Go to Home > Game Highlights.
2. When a prompt window appears, click **Discover MSI Companion app**.

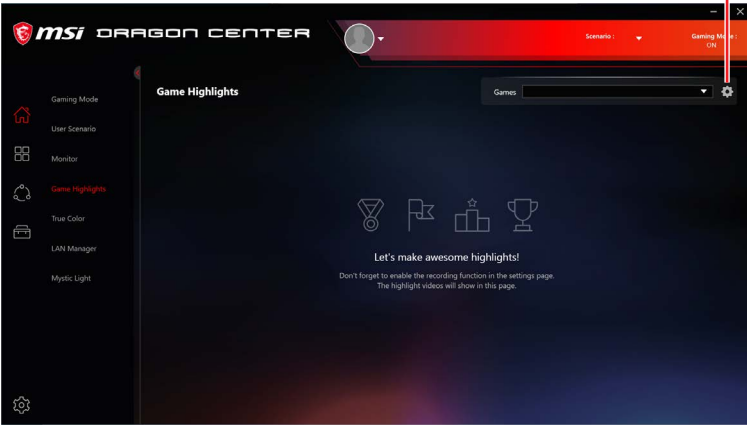
Click here



Setting Game Highlights

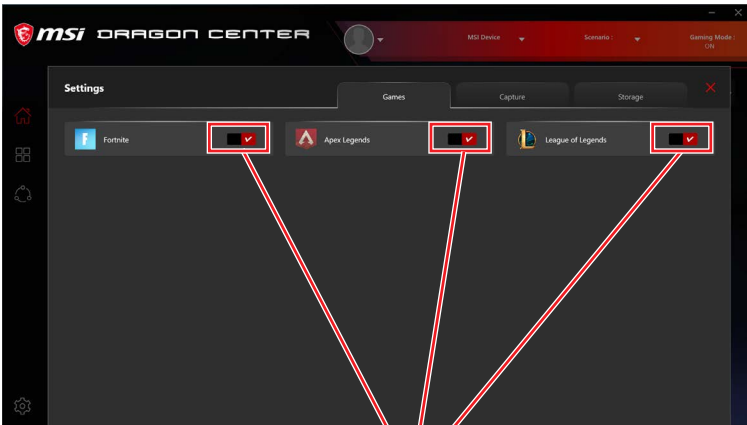
- Select Game Highlights in the sub menu, click setting .

Click here



- Adjust settings for Games, Capture, and Storage.

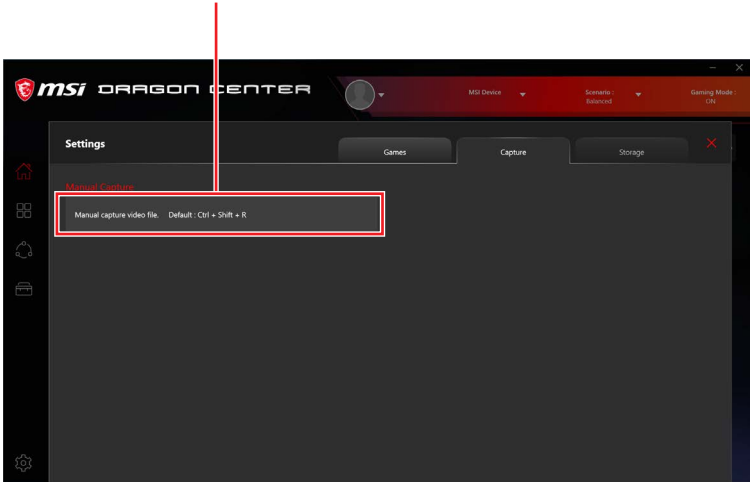
On Games tab



On/Off Game Highlights

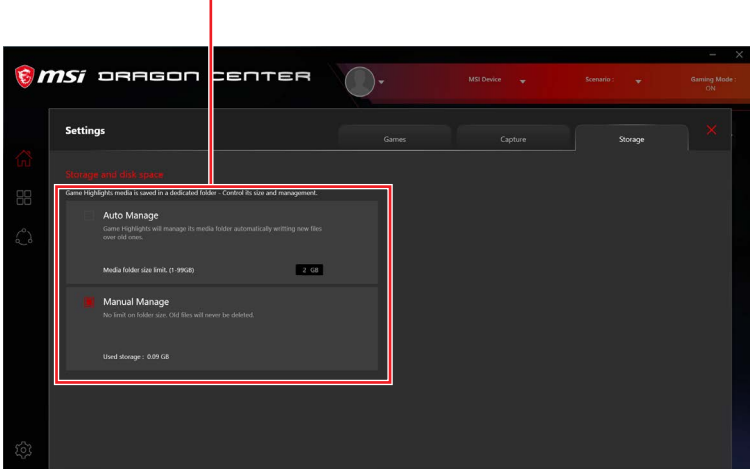
On Capture tab

Adjust hotkey settings for manual capture



On Storage tab

Select Auto Manage/ Manual Manage for file size and disk space settings

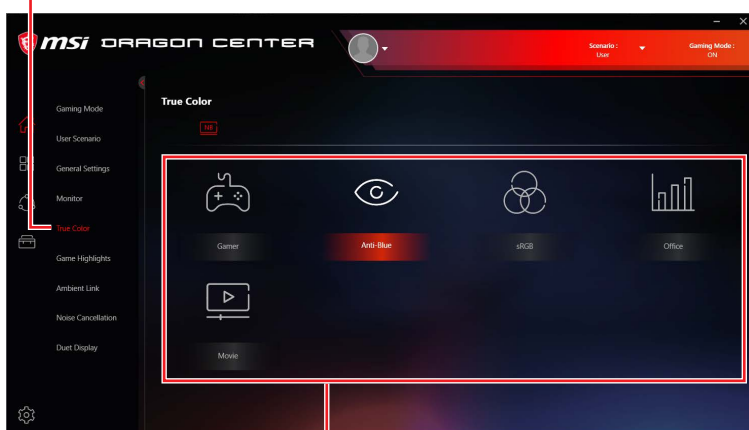


True Color

With True Color function, you can adjust the best screen gamma, saturation, brightness and contrast settings for your eyes.

The True Color feature supports games in windowed mode.

Select **True Color** in the sub menu to enter True Color control panel



Select the quick screen color option

True Color Preset Options

When you click the preset option, the screen settings will be immediately applied to your computer. The detailed options are as follows:

Important

The features in the True Color vary by product.

- **Gamer** - For playing games.
- **Anti-Blue** - For reducing the amount of blue light that is emitted from the display to reduce eye fatigue.
- **sRGB** - For accurate color when viewing images on websites.
- **Designer** - For design applications.
- **Office** - For office and productivity applications.
- **Movie** - For watching movies.
- **AdobeRGB** - For accurate color when viewing images and other media created in the Adobe RGB color space.
- **Display P3** - For accurate color in wide-gamut cinema mode.

Mystic Light

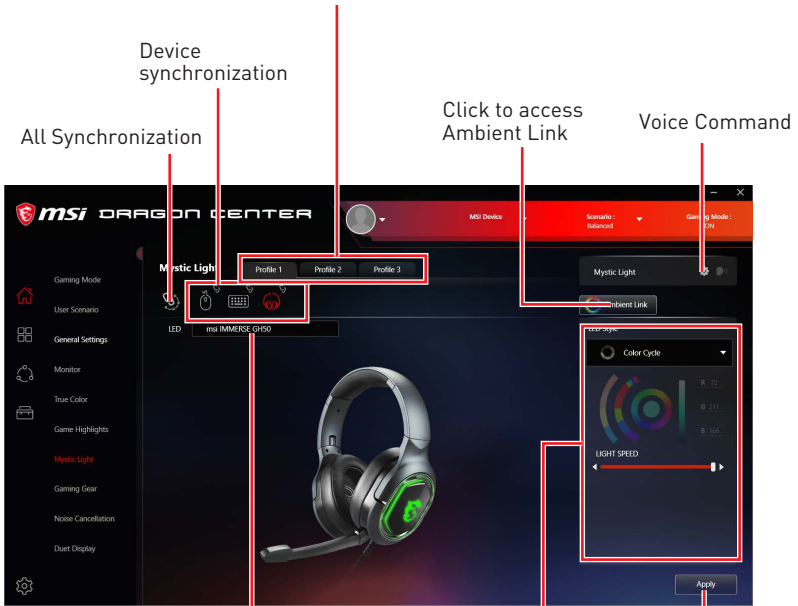
Mystic Light feature allows you to control LED light effects of MSI & partner products. For some earlier products, you can go to product download page to download the applicable LED control software.



Important

The Mystic Light feature is only available when MSI Gear devices are connected.

When you click the Apply button, the LED effect settings can be saved to Profile1~3, and you can switch to different settings by clicking Profile1~3.



Device synchronization

All Synchronization

Click to access Ambient Link

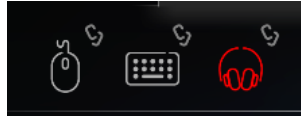
Voice Command

LED item drop-down menu

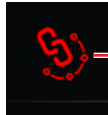
Apply button

Light effect, LED color, speed and brightness lever selectors

- **Device synchronization** - In this section, you may synchronize LED light effect to your devices.



- **All synchronization** - Click the big chain icon on the left side of all the devices.



Click the big chain icon

- **To synchronize devices** - Click the chain icon above device icon. When the chain icon turns red, it indicates that the device has synchronized LED effect settings with other devices.



Chain icon - indicates the device has been synchronized.



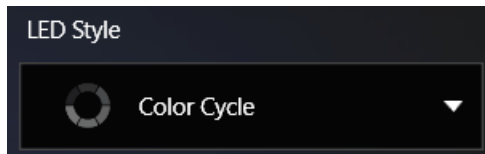
Broken-chain icon - indicates the device is not synchronized.

- **Individual** - You can also change settings for one single device. To do that, click the chain icon and the color will turn gray as below.

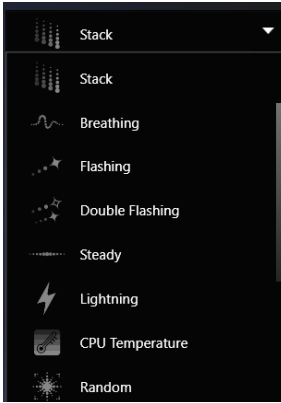


Device icon - click it to change LED effect setting for this device. When the icon turns red, it indicates the device you're currently setting.

- **LED item drop-down menu** - Click to select the LED item on the device. The LED effects vary depending on your LED item selection.



- **Light effect drop-down menu**



Click it to select LED light effects. Please note that the options about light effects would be more or less depending on the devices you have. It will only list the light effects which are available for all applicable devices.

- **LED Color selector** - In this section, you may select the color for one single light effect (Stack, Breathing, Flashing etc.).

The outer arc is a custom color picker and the inner arc is the default color picker that cannot be changed. You can simply change the LED color by clicking on the color on the outer or inner arc. To store a custom color, click one of the color slots on the outer arc to store the color of your choice.

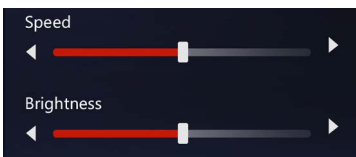


You can specify a color by editing an RGB (red, green, blue) color value between 0 and 255.

Drag the brightness slider up to increase brightness or drag down to decrease brightness.

Use the Hue Circle to choose the color you want. The color you choose will be displayed on the center circle.

- **Effect speed and brightness level**



Drag the sliders to adjust the LED light effect switching speed and light brightness.

Please note that these functions will only be available if your device supports it.

Voice Command

Mystic Light allows you to use your voice to change LED effects.

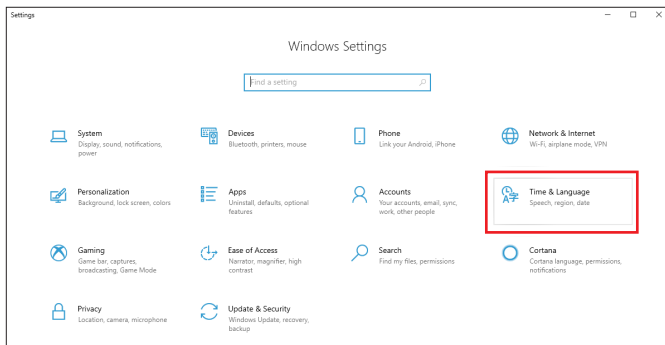


Important

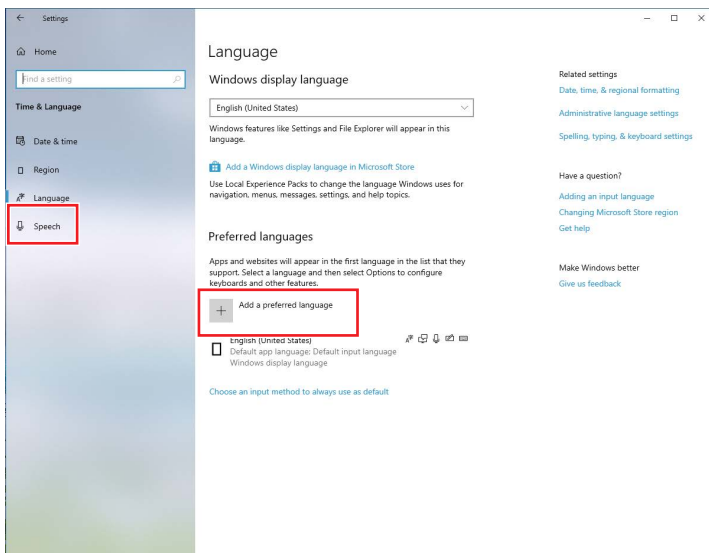
The Voice Command feature is only available for the Notebook with the Per Key RGB keyboard or connected to MSI Gear devices.

To start Voice Command, you need to install Windows 10 Speech Voices.

1. Go to Windows Settings, select **Time & Language**.



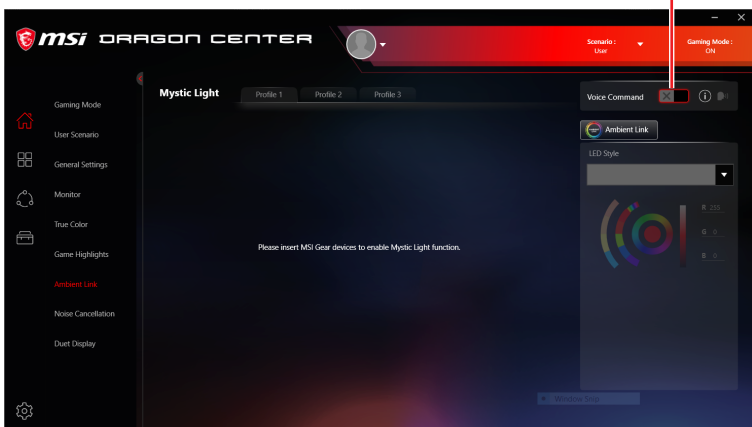
2. Select **Add a preferred language**, then add **English** and the voice packages.
3. Change your default speech options to **English** by selecting **Speech**.



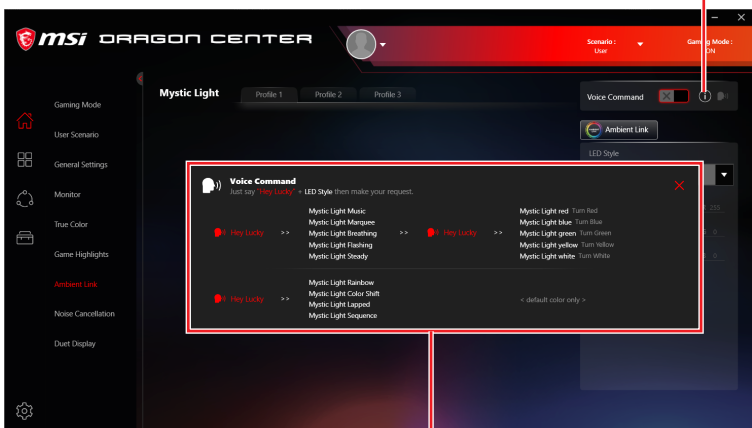
How to Control Mystic Light via Voice Command (GameGear is not installed)

Go to Home > Mystic Light. Click **Voice Command** switch in the upper right corner, and then you can change the LED style by saying **Hey Lucky**.

Enable Voice Command



Click to open the list of Hey Lucky commands



A list of Hey Lucky commands

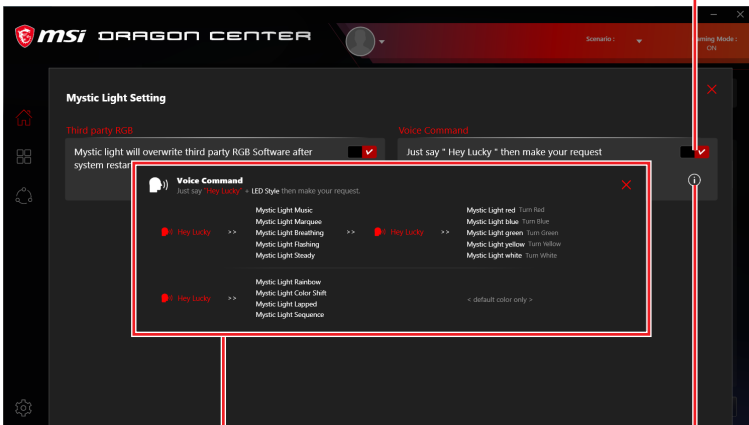
How to Control Mystic Light via Voice Command (GameGear is installed)

Go to Home > Mystic Light, click **setting** in the upper right corner. Enable Voice Command and then you can change the LED style by saying **Hey Lucky**.

Click here



Enable Voice Command



A list of Hey Lucky commands

Click to open the list of Hey Lucky commands

Ambient Link

With the Ambient Link feature, it will provide visual color feedback on Philips Hue and Nanoleaf depending on what is happening in games. To use Ambient Link, you need to follow the instructions below to complete the link setup.



Important

The Ambient Link feature is only available for the Notebook with the Per Key RGB keyboard or connected to MSI Gear devices.

Network Requirements

- The router is broadcasting a 2.4GHz network.
- The Wi-Fi network is using WPA/WPA2 security.
- The router is configured for any of the Wi-Fi modes a/b/g/n.

Philips Hue Setup (optional)

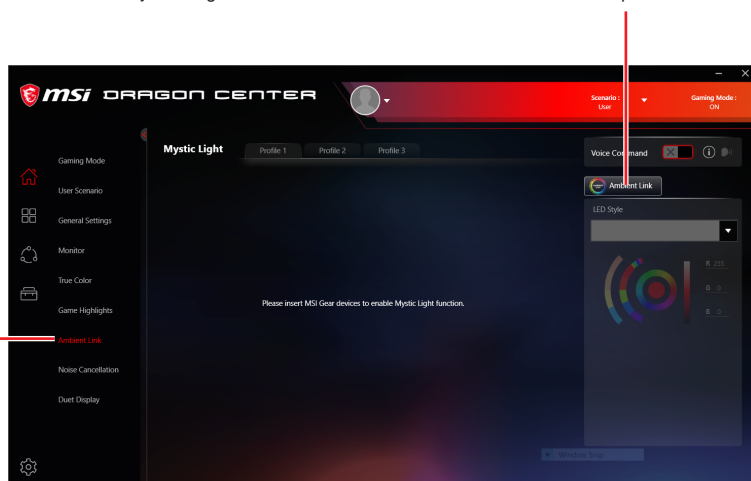
1. Plug in your Hue bridge and it will automatically power up.
2. Connect it to the router LAN port.
3. Wait for the two lights to come on and you are good to go. (Left is power light and center is local network)

Nanoleaf Setup (optional)

- The router is compatible with Bonjour (mDNS).

Select **Ambient Link** in the sub menu to enter Mystic Light menu

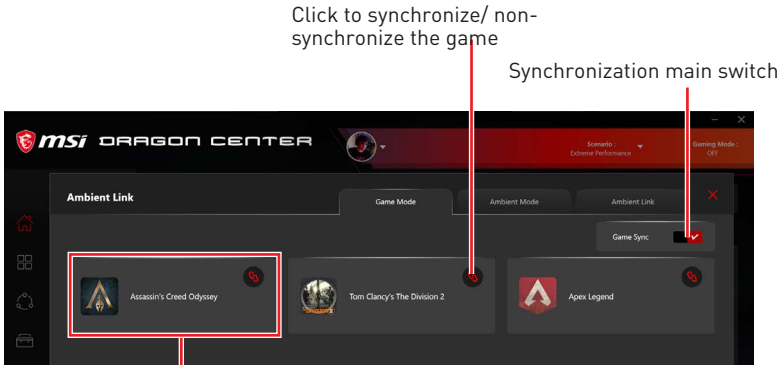
Click to enter the Ambient Link control panel



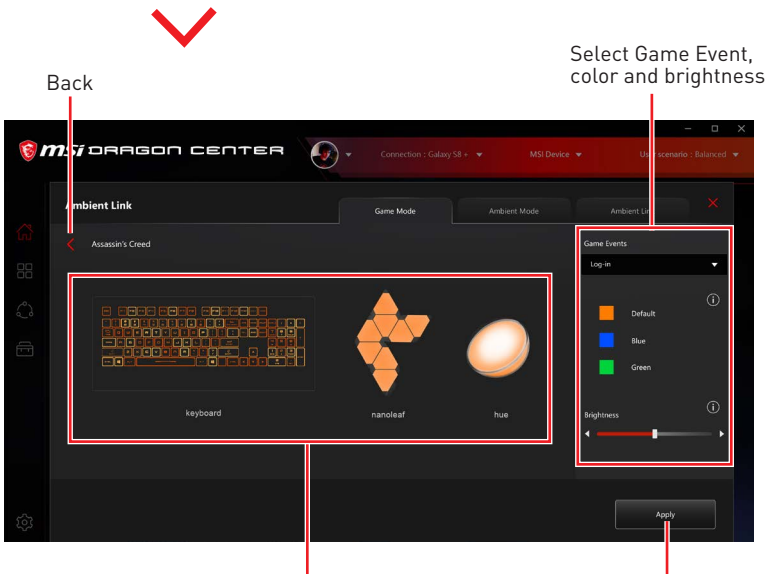
Ambient Link Control Panel

Game Mode and **Ambient Mode** can only be activated one at a time in the Ambient Link control panel.

- **Game Mode tab**



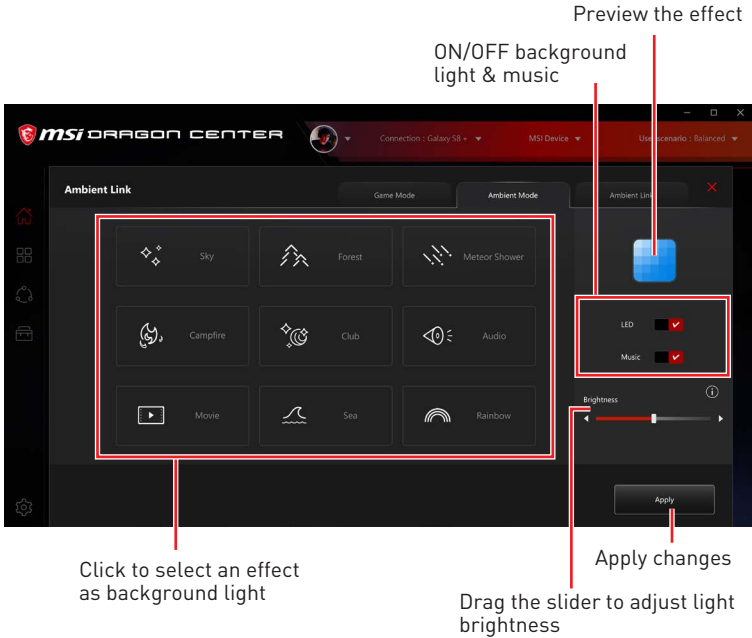
Click to access the game control panel



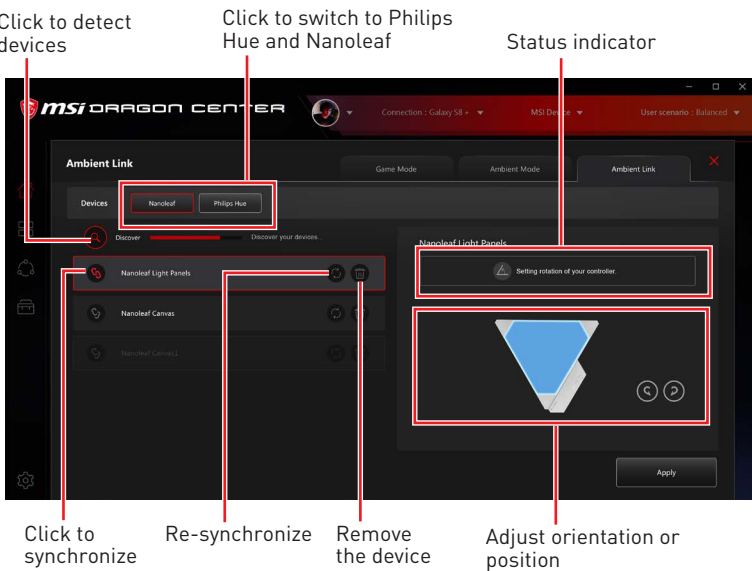
Preview the effect

Apply changes

• Ambient Mode tab



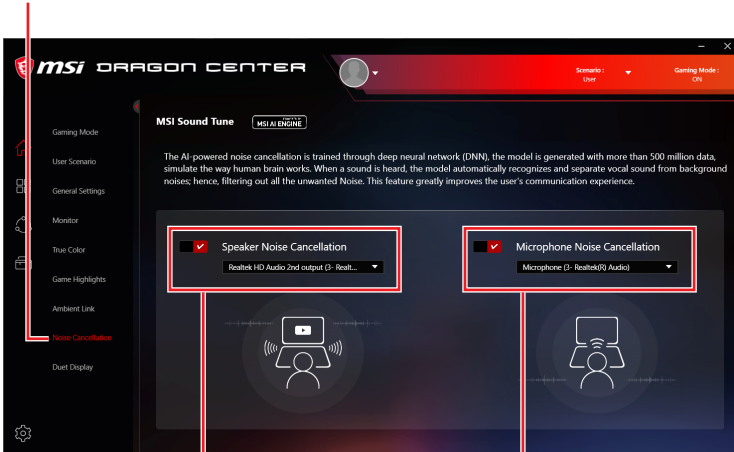
• Ambient Link tab



Noise Cancellation

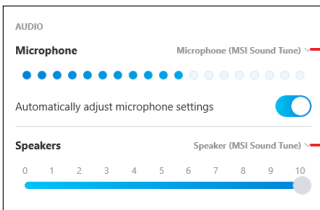
The AI-powered noise cancellation is trained through a deep neural network (DNN), the model is generated with more than 500 million data, simulates the way the human brain works. When a sound is heard, the model automatically recognizes and separates the vocal sound from background noises. Hence, filtering out all the unwanted noise. This feature greatly improves the users' communication experience.

Select **Noise Cancellation** in the sub menu to enter MSI Sound Tune panel



Enable/ Disable Speaker Noise Cancellation.

Enable/ Disable Microphone Noise Cancellation.

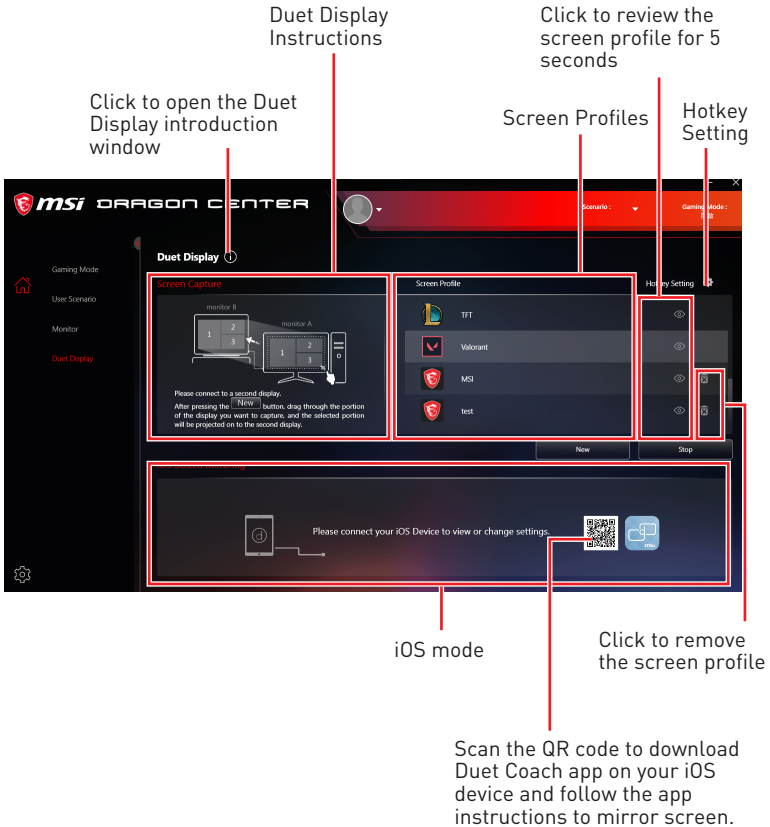


Select **Microphone (MSI Sound Tune)** in the communication software.

Select **Speaker (MSI Sound Tune)** in the communication software.

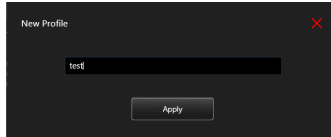
Duet Display

Duet turns your iOS device & Android phone, tablet, or Chromebook into the most advanced extra display, and offers unparalleled performance and display quality.

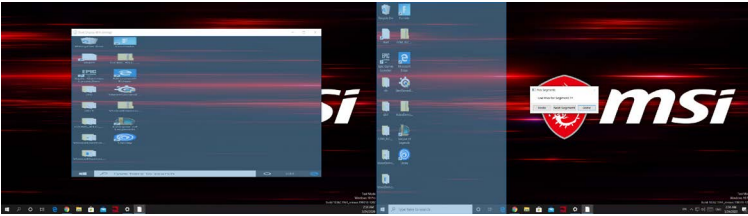


Create a New Screen Profile

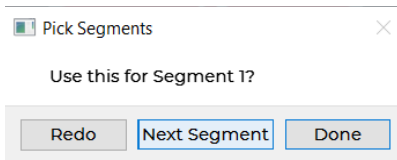
1. Connect to a second display.
2. Click the **New** button.
3. Enter the name of this new profile and click the **Apply** button.



4. Drag through the portion of the display you want to capture.

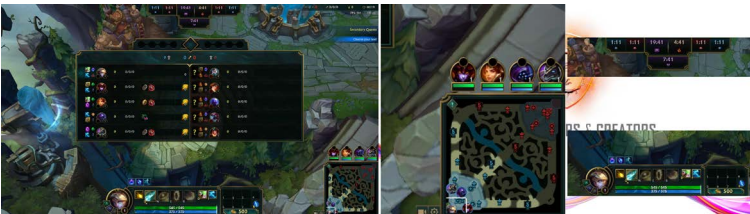


5. Click the **Next Segment** button to set maximum 3 segments.
6. Click the **Done** button.



Activating Duet Screen Capture

1. Connect to a second display.
2. Check the hotkey setting of the screen profile and remember it.
3. Run the application.
4. Press the hotkey and the selected portion will be projected on to the second display.



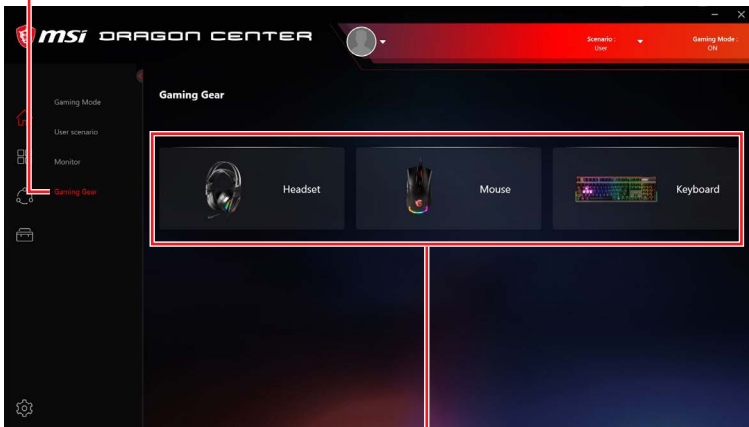
Gaming Gear

This panel allows you to control MSI's gaming gear and supported third-party devices.



The Gaming Gear feature is only available when MSI Gear devices are connected.

Select **Gaming Gear** in the sub menu to enter Gaming Gear menu

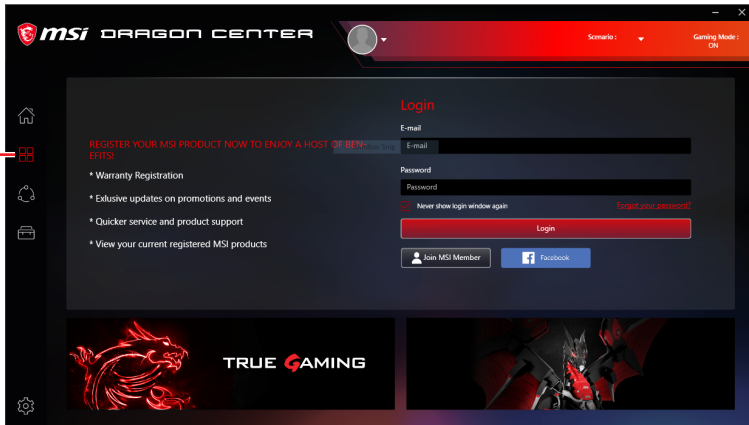


Supported devices will be displayed here. Click to enter the control panel of the device.

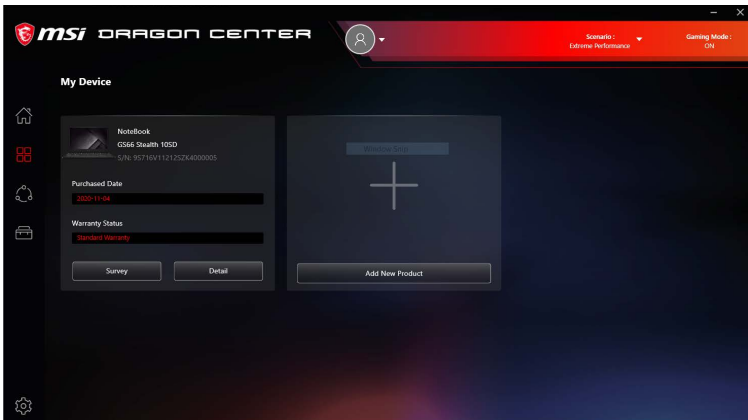
Product Registration

Register your MSI product to get exclusive updates, quicker service and product support.

Select **My Device** in the sub menu to register your product



Login to your MSI account on this My Devices tab. If you don't have an MSI account, please click the **Join MSI Member** button or use Facebook, Google Plus to login.



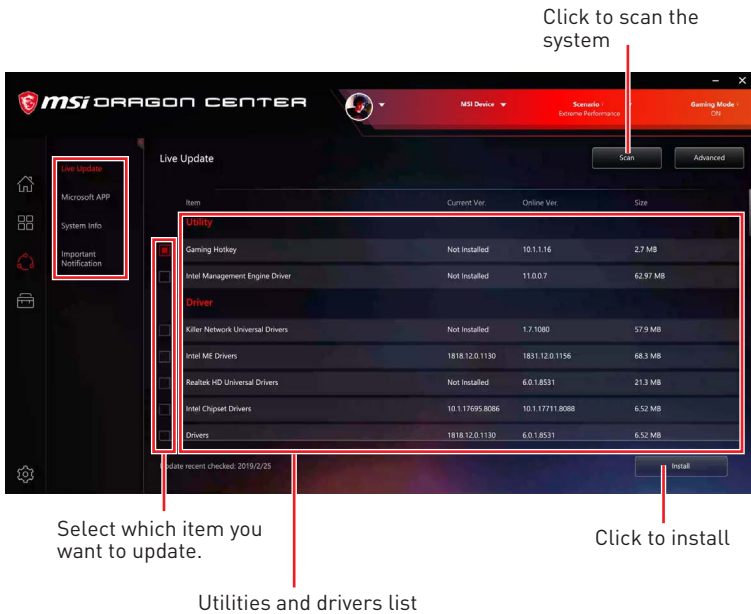
Click the **Product Register** button and fill in the product registration form.

Live Update

Live Update feature allows you to scan system and download the latest drivers and utilities. With Live Update, you don't need to search the drivers on websites. Live Update will download the appropriate drivers automatically. Some software/ drivers will be installed automatically after downloading, please follow the instructions of the installer.

To use Live Update:

1. Connect your computer to the internet.
2. Go to Support > Live Update.



System Info

The System Info provides information about OS, Product Name, Serial Number and Software information.

To open System Info:

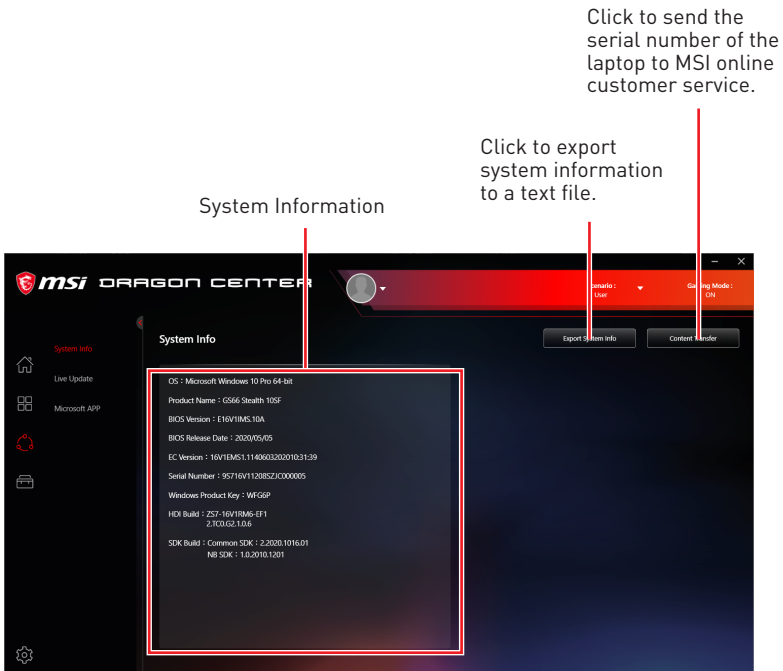
1. Go to Support > System Info.

To export system information:

1. Go to Support > System Info.
2. Click **Export System Info** button in the upper right corner.
3. Browse to the location where you want to save the new text file, and then click Save.

To send the serial number to MSI online customer service:

1. Go to Support > System Info.
2. Click **Content Transfer** button in the upper right corner.
3. Follow customer service's instructions, and enter 5-digit encryption code.

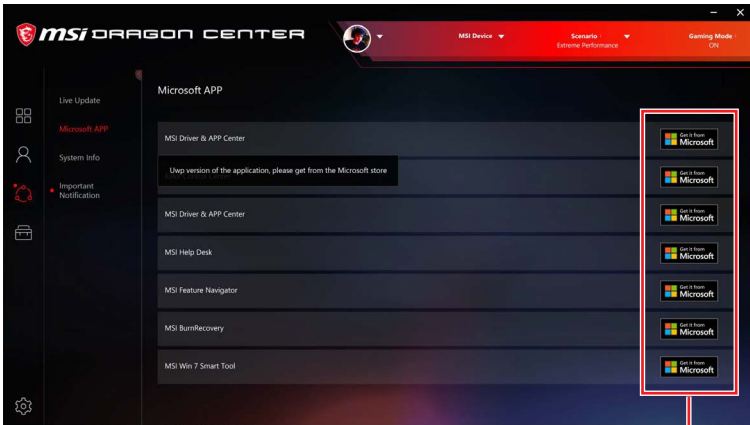


Microsoft APP

The Microsoft App feature detects installed drivers and displays a relative Microsoft application download links.

To install Microsoft App:

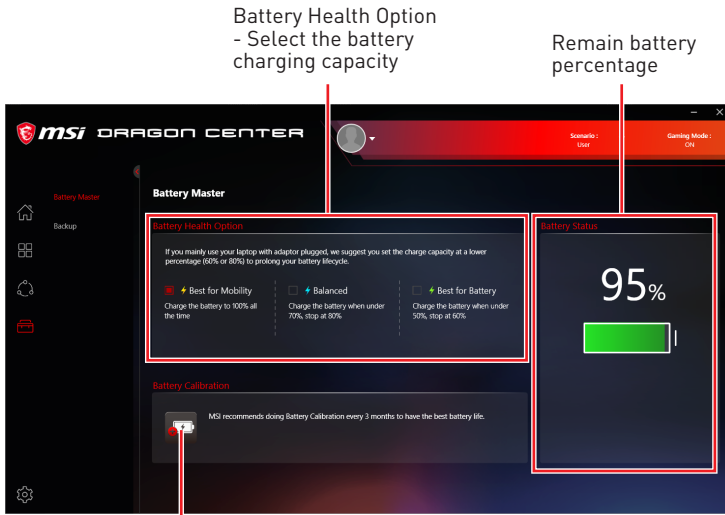
1. Go to Support > Microsoft App.
2. Click the Get it from Microsoft icon  on the right side of the item.
3. Download and install the application from Microsoft Store.



Click to install

Battery Master

Battery Master is a function tab related to battery maintenance such as Remain Battery Percentage, Battery Health Option, and Battery Calibration.



Click to calibrate the battery

Calibrating Battery

We recommends doing Battery Calibration every 3 months to have the best battery life.

1. Go to Tools > Battery Master.
2. Click the **Battery Calibration** icon.
3. Follow the instructions on the Battery Calibration screen to connect to the power adapter, install the battery and close the other windows.
4. Click **Start**.



Backup

Backup utility designed to backup the recovery image to a USB flash disk or ISO files. They can be used to recover the system to manufacturer's default settings when it is needed.

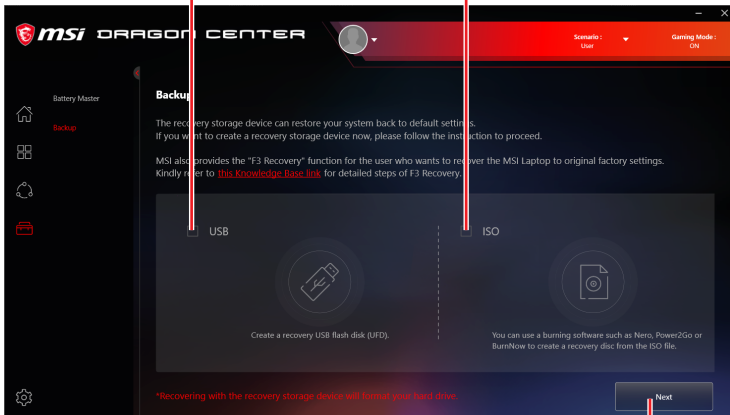


Important

Usage of this application on any product with no authorization may be prohibited.

Select to create a recovery USB flash disk

Select to create an ISO image file



After choosing the type of backup, click **Next** to start the backup process.

Notices

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Revision History

Version 1.0, 2020/11, First release