



RAZER BLADE

MASTER GUIDE

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1. PACKAGE CONTENTS / REGISTRATION / TECHNICAL SUPPORT

PACKAGE CONTENTS

- Razer Blade
- Power adapter + regional power cord
- Micro-fiber cleaning cloth
- Important Product Information Guide

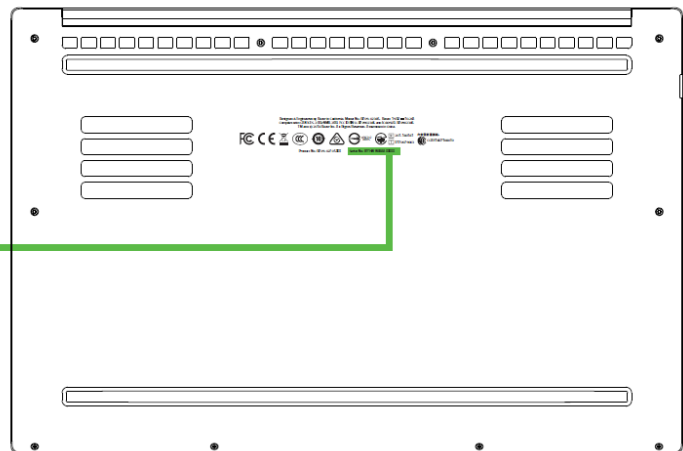
REGISTRATION

Register your product online at razerid.razer.com/warranty using your Razer ID to get real-time information on your product's warranty status.

If you haven't registered for a Razer ID yet, register now at razerid.razer.com to get a wide range of Razer benefits.

Serial No.: BY19WWAAAAXXXX

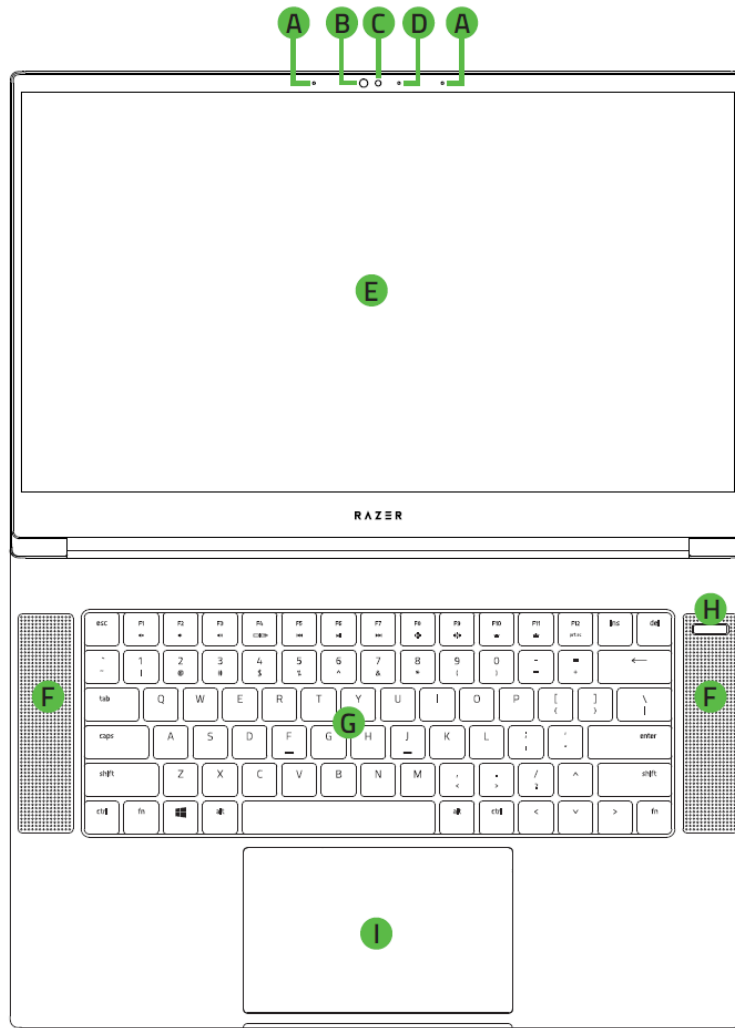
Your product's serial number can be found here.



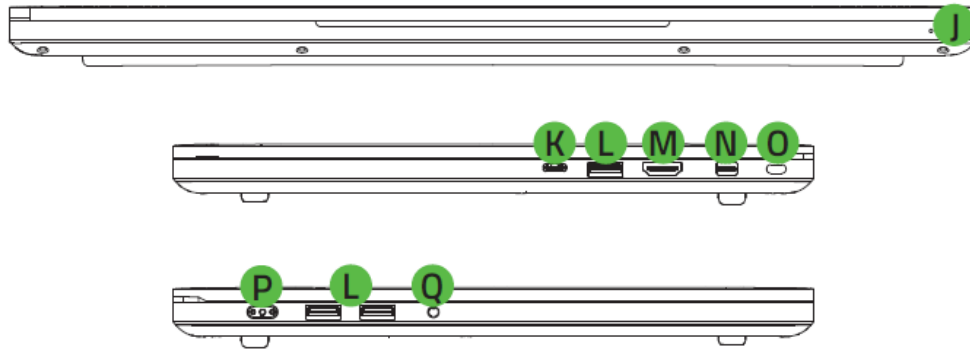
TECHNICAL SUPPORT

- 1 year limited manufacturer's warranty.
- 1 year limited battery warranty.
- Access to manual and free online technical support at support.razer.com
- For further assistance, please visit support.razer.com/contact-us

2. DEVICE LAYOUT



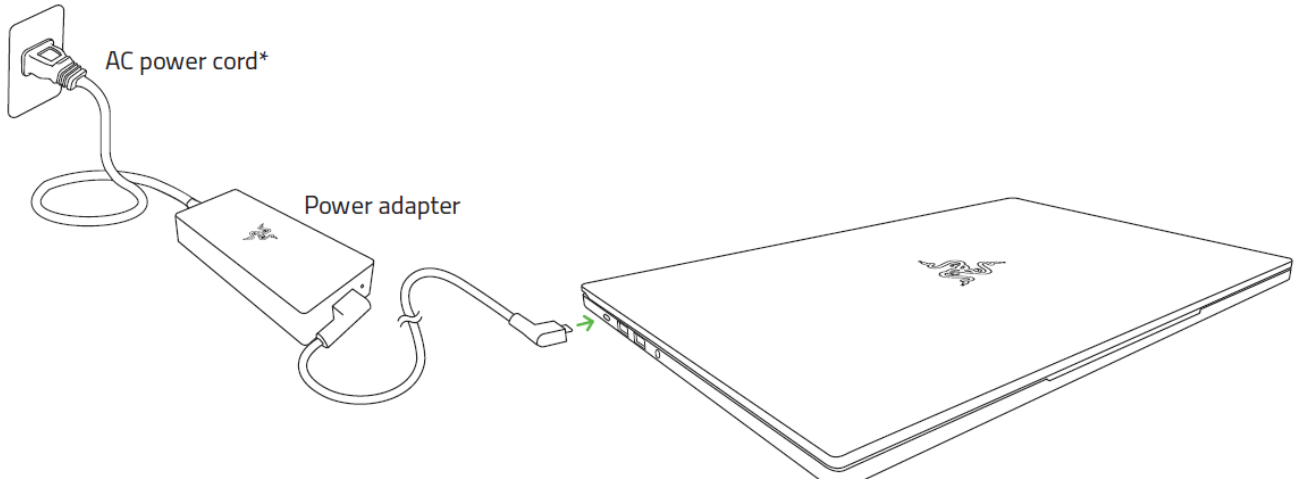
- A. Array microphone
- B. Infrared sensor
- C. Built-in webcam
- D. Webcam indicator light
- E. 15.6" Display
- F. Stereo speakers
- G. Backlit keyboard
- H. Power button
- I. Precision glass touchpad



- J. Front LED power indicator
- K. Thunderbolt™ 3 port (USB-C™)
- L. USB 3.1 ports
- M. HDMI port
- N. Mini DisplayPort™
- O. Kensington security slot
- P. Power port
- Q. 3.5 mm combo port

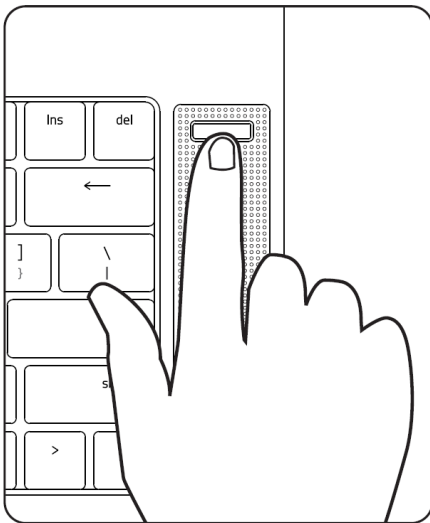
3. SETTING UP YOUR RAZER BLADE

CONNECT THE POWER ADAPTER AS FOLLOWS:



Make sure that the AC plug is properly inserted into the power outlet and the power adapter. Insert the power adapter's connector into the Razer Blade's power port. Press the power button to turn on your Razer Blade.


*Use the appropriate power cord for your region.

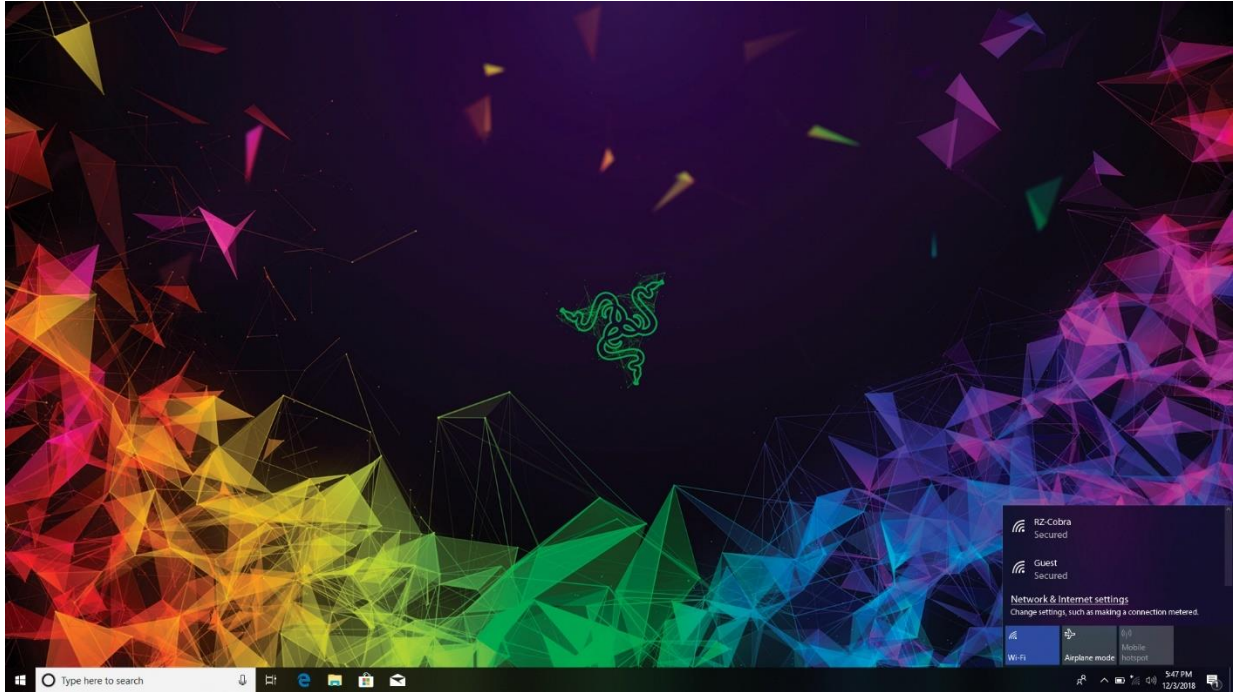


For first time use, please fully charge your Razer Blade or connect it to a power outlet before turning it on. It takes at least 2 hours to fully charge the Razer Blade.

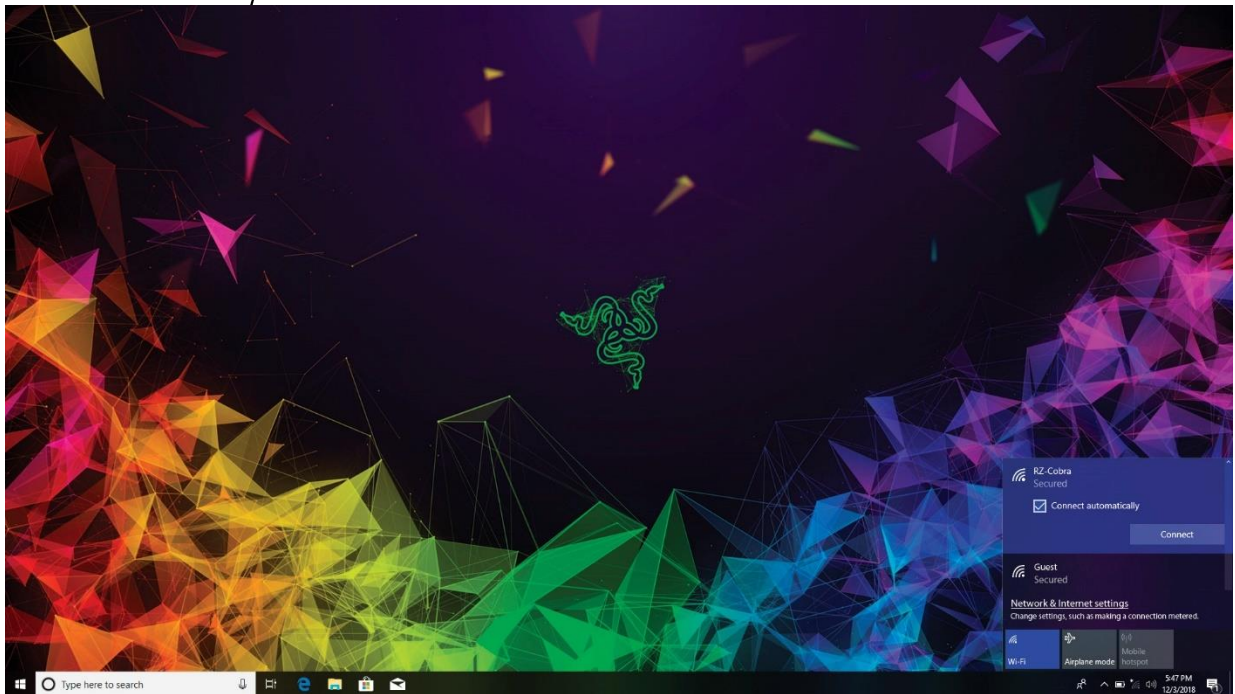
CONNECTING TO THE INTERNET

 *The screens shown are subject to change based on the current version of your Operating System.*

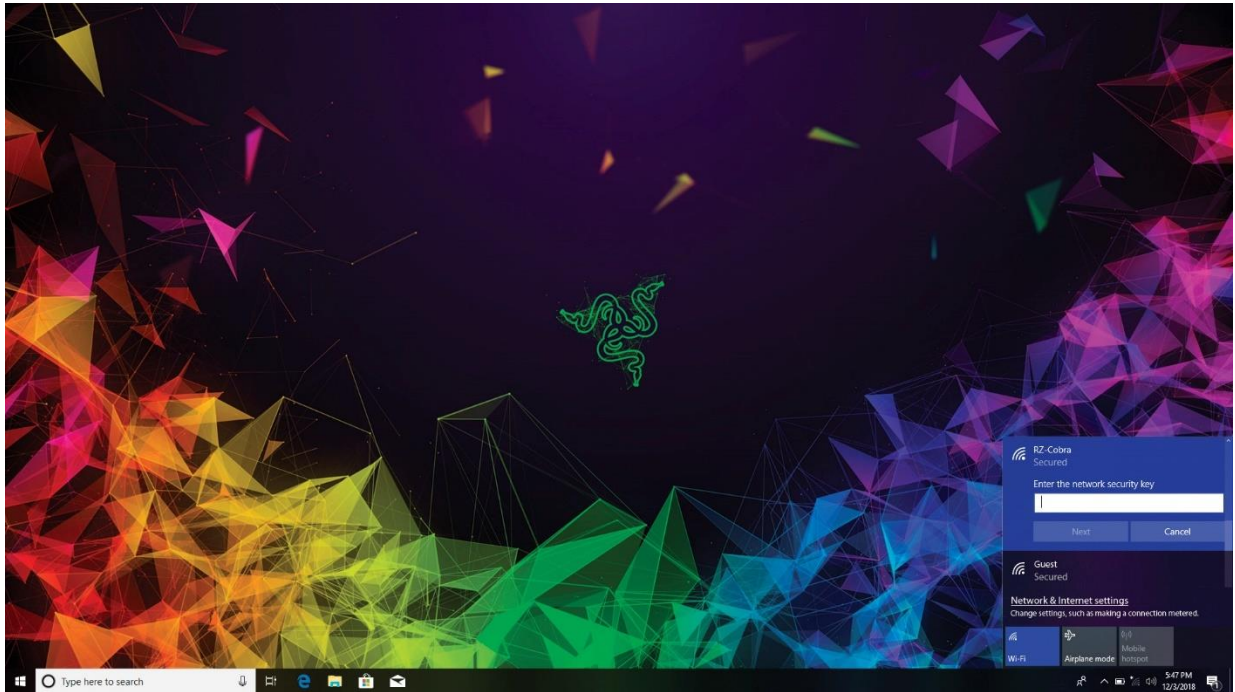
1. Click the wireless network icon () to bring up the Wireless network list. The system will automatically search for wireless networks in range.



2. Click the network you wish to connect to and click **Connect**.



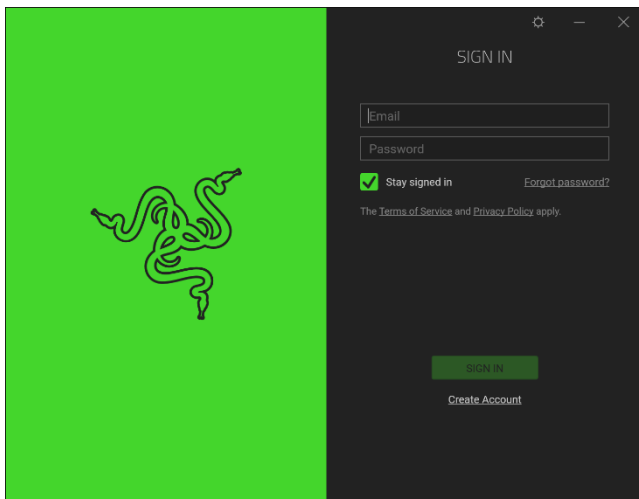
3. Enter the network password (if any) and select whether to enable network sharing. Click **Next**.



4. Once you are connected to the wireless network, click anywhere outside the window to return to the desktop.

RAZER SYNAPSE ACCOUNT CREATION & INSTALLATION

Razer Synapse allows your Razer Blade and other supported Razer peripherals to download drivers and firmware updates. Razer Synapse also enables your custom settings to be stored on cloud servers so that they can be accessed anytime, anywhere.



1. Razer Synapse will start automatically once you enter Windows 10.
2. Register for a Razer Synapse account and confirm your new account.
3. Open Razer Synapse and login to your account.
4. Wait until Razer Synapse automatically downloads and installs the necessary drivers.

4. USING YOUR RAZER BLADE

STATUS INDICATOR













	Sleep	On	Low battery (10% left)	Low battery (3% left)
Front LED indicator				

KEYBOARD FEATURES



Pressing the “fn” key in combination with the function keys will activate their secondary functions.

Function keys	Secondary function description
 	The audio volume controls allow you to mute (), decrease () and increase () the audio output.
	Toggles the monitor output.
 	The media keys allow you to play/pause () the current track, return to the previous track () or skip to the next track ().
 	The screen brightness keys allow you to decrease () or increase () the brightness of the Razer Blade’s screen.
 	The LED control keys allow you to decrease () or increase () the brightness of your keyboard’s LEDs.

5. CONFIGURING YOUR RAZER BLADE

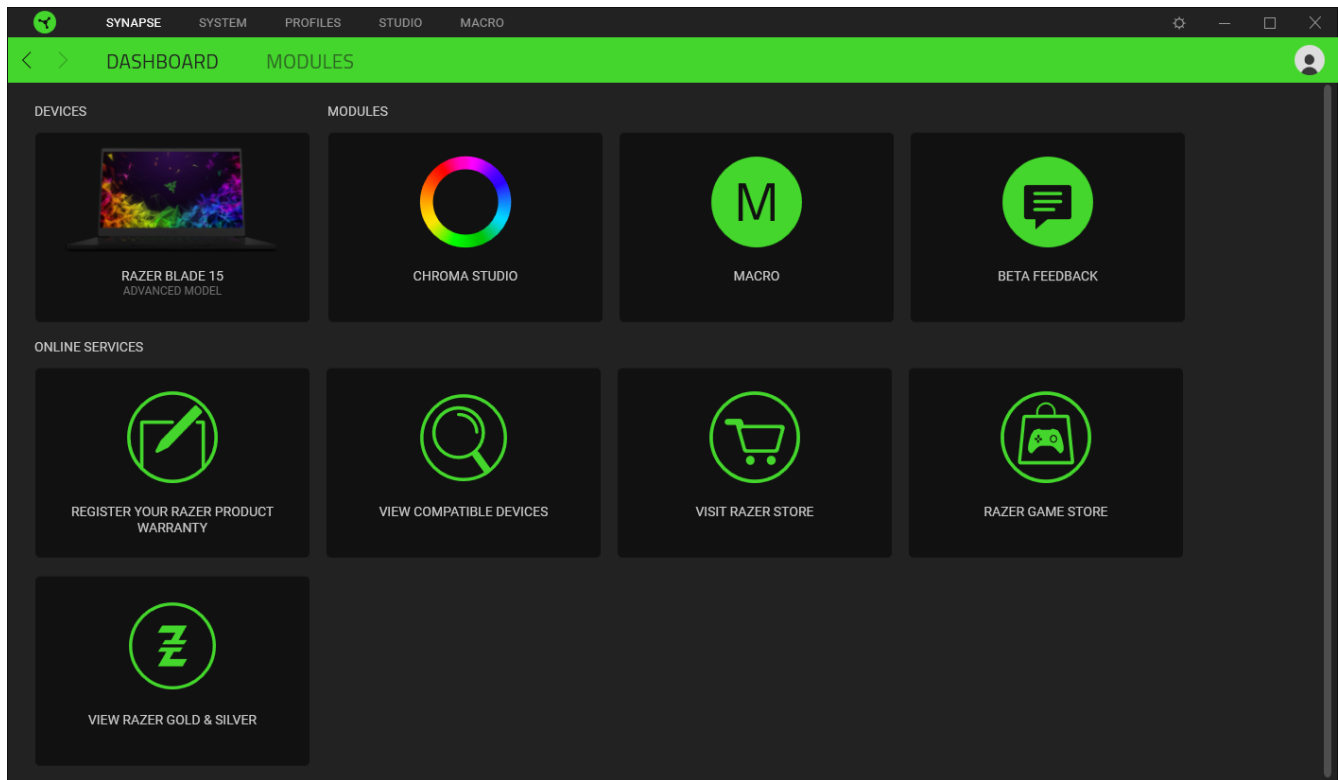
! *The features listed here require you to log in to Razer Synapse. These features are also subject to change based on the current software version and your Operating System.*

SYNAPSE TAB

The Synapse tab is your default tab when you first launch Razer Synapse.

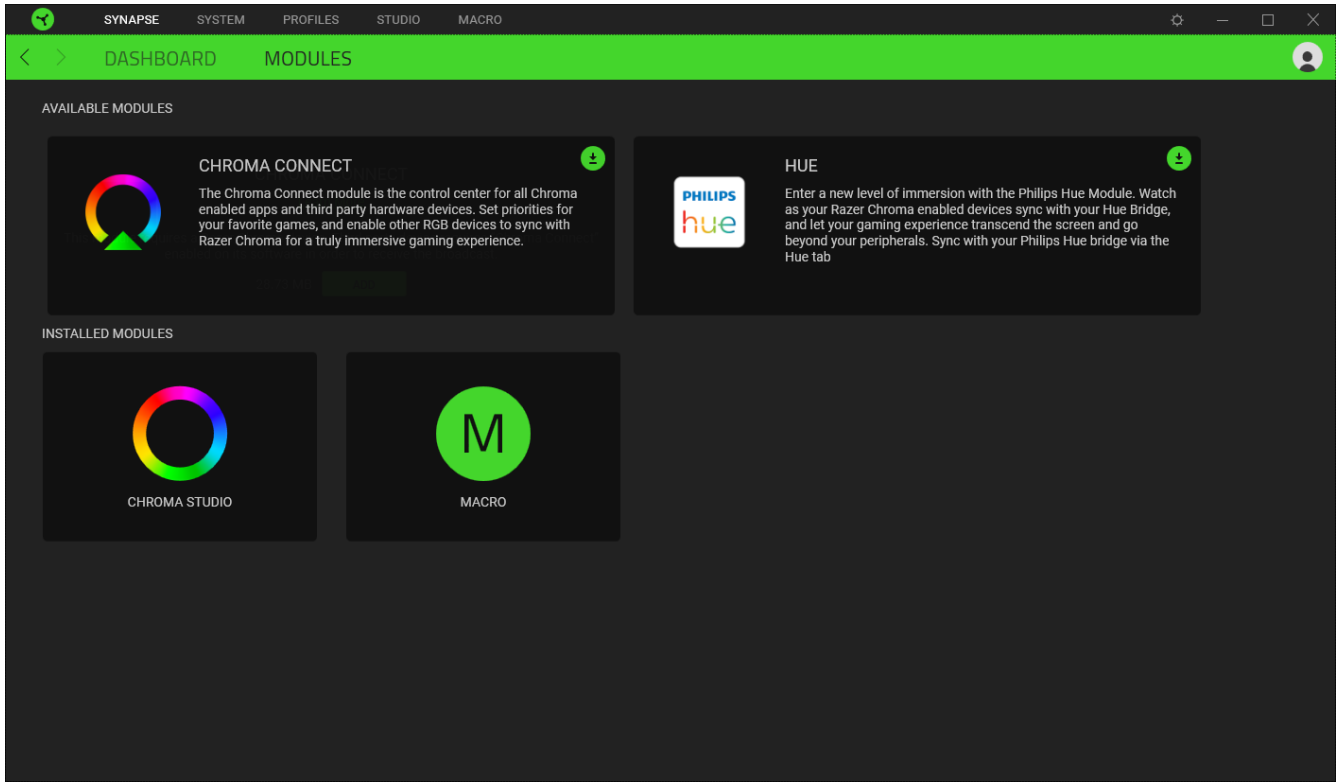
Dashboard

The Dashboard subtab is an overview of your Razer Synapse where you can access all your Razer devices, modules, and online services.



Modules

The Modules subtab displays all installed and available modules for installation.

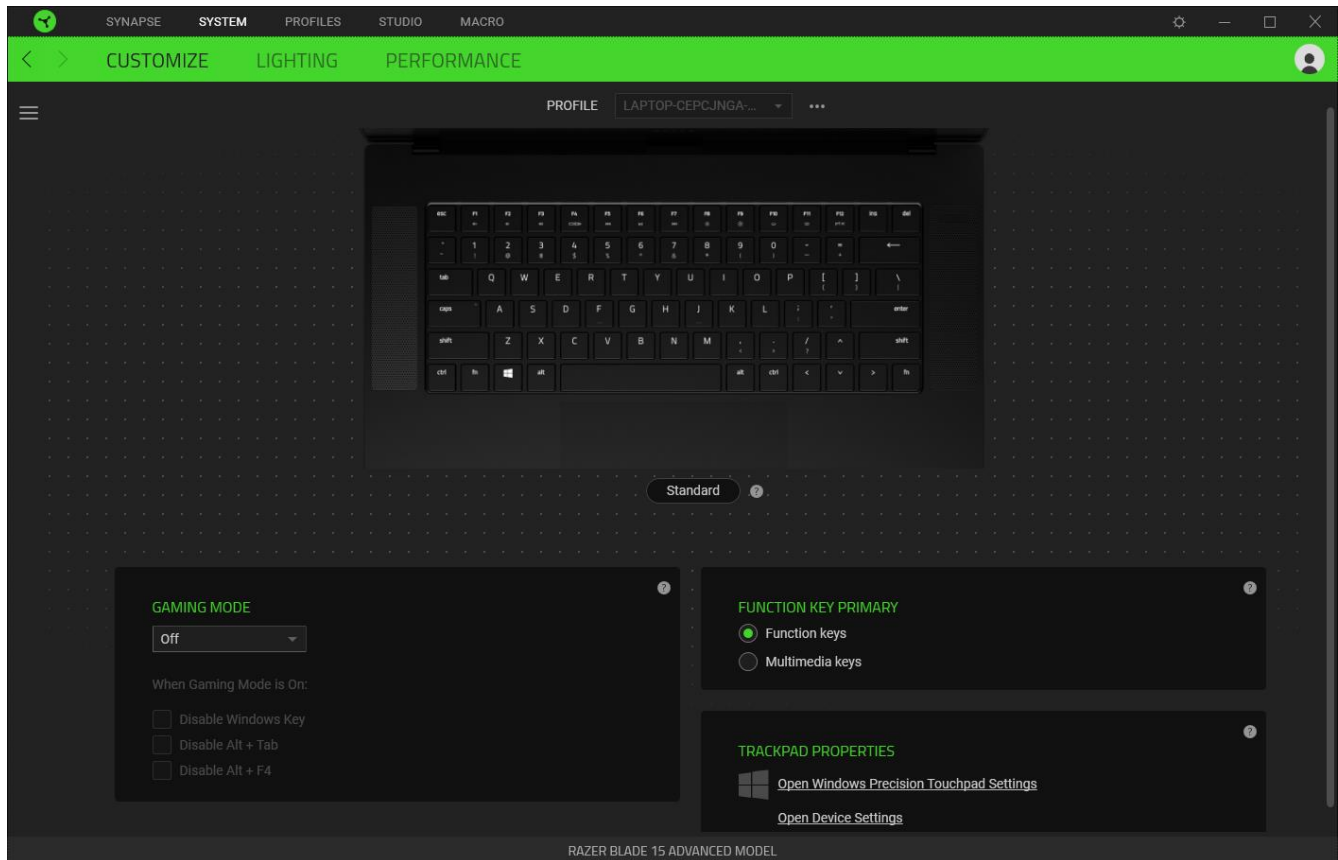


SYSTEM TAB

The System Tab is your default tab when you first install Razer Synapse. This tab allows you to customize your device's profiles, key assignments, gaming mode settings, trackpad options, lighting, and power saving features.

Customize

The Customize subtab is for modifying your device's key assignments, primary function key option, and gaming mode settings.



Profile

Profile is a data storage for keeping all your Razer devices' settings. By default, the profile name is based on your system's name. To add, rename, duplicate, or delete a profile, simply press the profile's corresponding Miscellaneous button (●●●).

Gaming Mode

Gaming Mode enables you to customize which keys to disable when Gaming Mode is activated. Depending on your settings, you may choose to disable the Windows key, Alt + Tab and Alt + F4.

Standard / Hypershift

Hypershift mode is a secondary set of key assignments that is activated when the Hypershift key is held down. By default, the Hypershift key is assigned to the fn key of your Razer Synapse supported keyboard however, you can also assign any key as a Hypershift key.

Function Key Primary

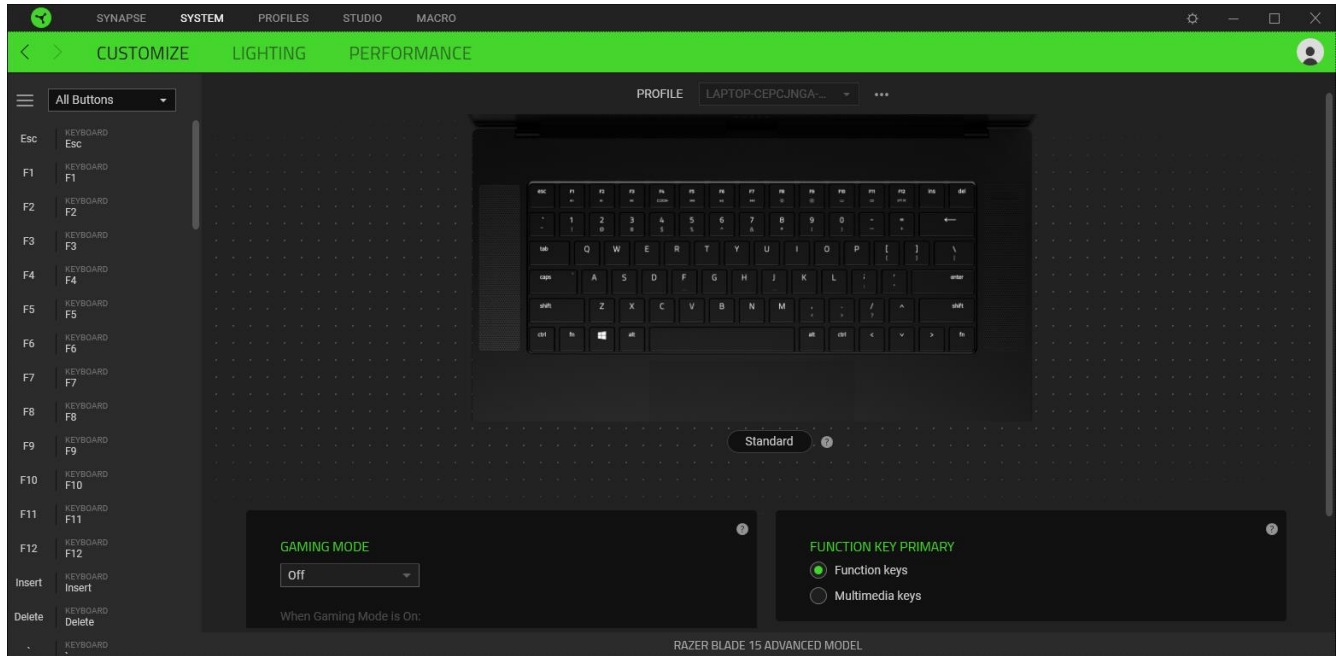
Function Key Primary allows you to switch between the primary keys and secondary keys. Primary keys are activated with a single key press while secondary keys require an additional step pressing the fn key.

Trackpad Properties

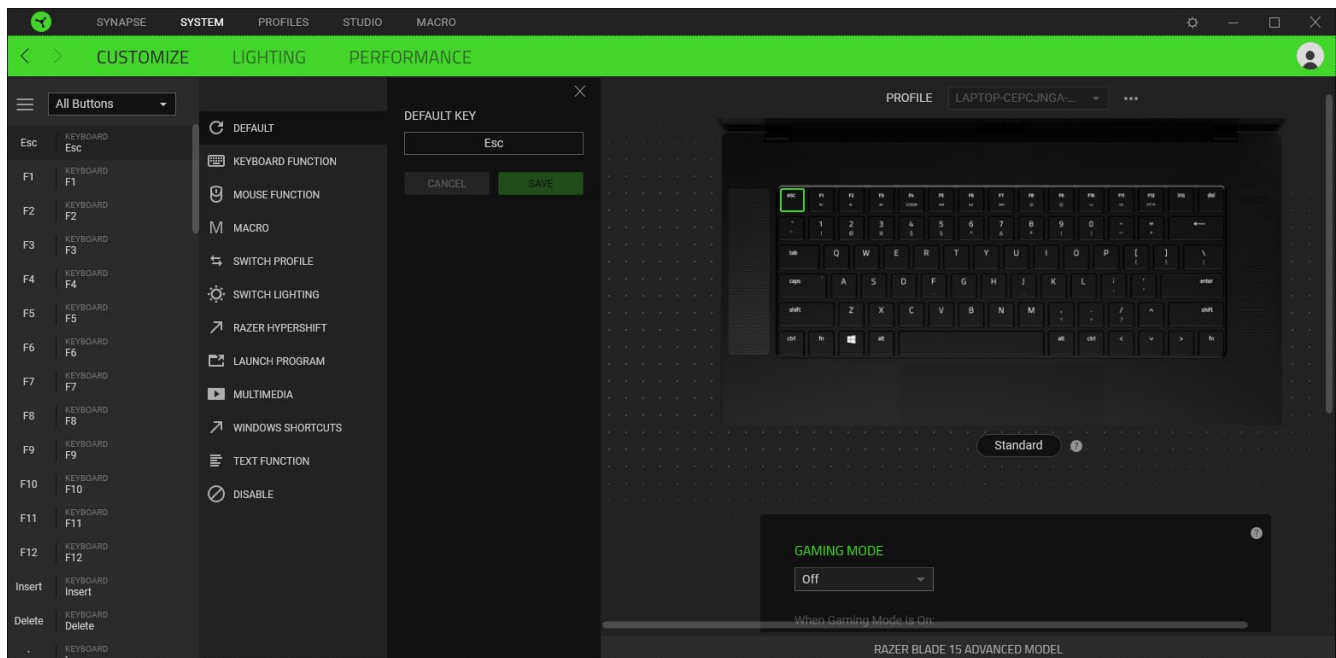
Use the links under this option to set the scroll behavior, change the touchpad delay, edit gestures, access cursor pointing options, and other advanced features.

Sidebar

Clicking the Sidebar button (☰) will reveal all current key assignments for your Razer Blade.



Alternatively, you can skip to a specific key assignment by selecting it on the Customize tab.



Upon selecting a key assignment, you may then change it to one of the following functions:

Default

This option enables you to return the selected key to its original setting.

Keyboard Function

This option changes the key assignment into a keyboard function. You can also choose to enable Turbo mode which allows you to emulate a repeated keyboard function while the key is held down.

Mouse Function

This option allows you to change any key into a mouse function. Listed below are the functions which you can choose from:

- Left Click - Performs a left mouse click using the assigned button.
- Right Click - Performs a right mouse click using the assigned button.
- Scroll Click - Activates the universal scrolling function.
- Double Click - Performs a double left click using the assigned button.
- Mouse Button 4 - Performs a "Backward" command for most internet browsers.
- Mouse Button 5 - Performs a "Forward" command for most internet browsers.
- Scroll Up - Performs a "Scroll Up" command using the assigned button.
- Scroll Down - Performs a "Scroll Down" command using the assigned button.
- Scroll Left - Performs a "Scroll Left" command using the assigned button.
- Scroll Right - Performs a "Scroll Right" command using the assigned button.

You can also choose to enable Turbo mode in some of the mouse functions which allow you to emulate repeatedly pressing and releasing said function while the key is held down.

M Macro

A Macro is a prerecorded sequence of keystrokes and button presses that is executed with precise timing. By setting the key function to Macro, you can conveniently execute a chain of commands. Do take note that this function will only be visible if you have installed the Macro module from the Modules tab. [Click here to learn more about Macros](#)

Switch Profile

Switch Profile enables you to quickly change profiles and load a new set of key assignments. An on-screen notification will appear whenever you switch profiles.

Switch Lighting

Switch Lighting allows you to easily switch between all advanced lighting effects. Do take note that this function will only be visible if you have installed the Chroma module from the Modules tab.

[Click here to learn more about Advanced Chroma Effects](#)

Razer Hypershift

Setting the key to Razer Hypershift will allow you to activate Hypershift mode as long as the key is held down.

Launch Program

Launch Program enables you to open an app or a website using the assigned key. When you select Launch Program, two choices will appear which requires you to search for a specific app you want to open, or write the address of the website you want to visit.

Multimedia

This option allows you to assign multimedia controls to your Razer device. Listed below are the multimedia controls you can choose from:

- Volume Down - Decreases the audio output.
- Volume Up - Increases the audio output.
- Mute Volume - Mutes the audio.
- Mic Volume Up - Increases the microphone volume.
- Mic Volume Down - Decreases the microphone volume.
- Mute Mic - Mutes the microphone.
- Mute All - Mutes both microphone and audio output.
- Play / Pause - Play, pause, or resume playback of the current media.
- Previous Track - Play the previous media track.
- Next Track - Play the next media track.

Windows Shortcuts

This option allows you to assign your preferred key into a Windows Operating System shortcut command. For more information, please visit: support.microsoft.com/kb/126449

Text Function

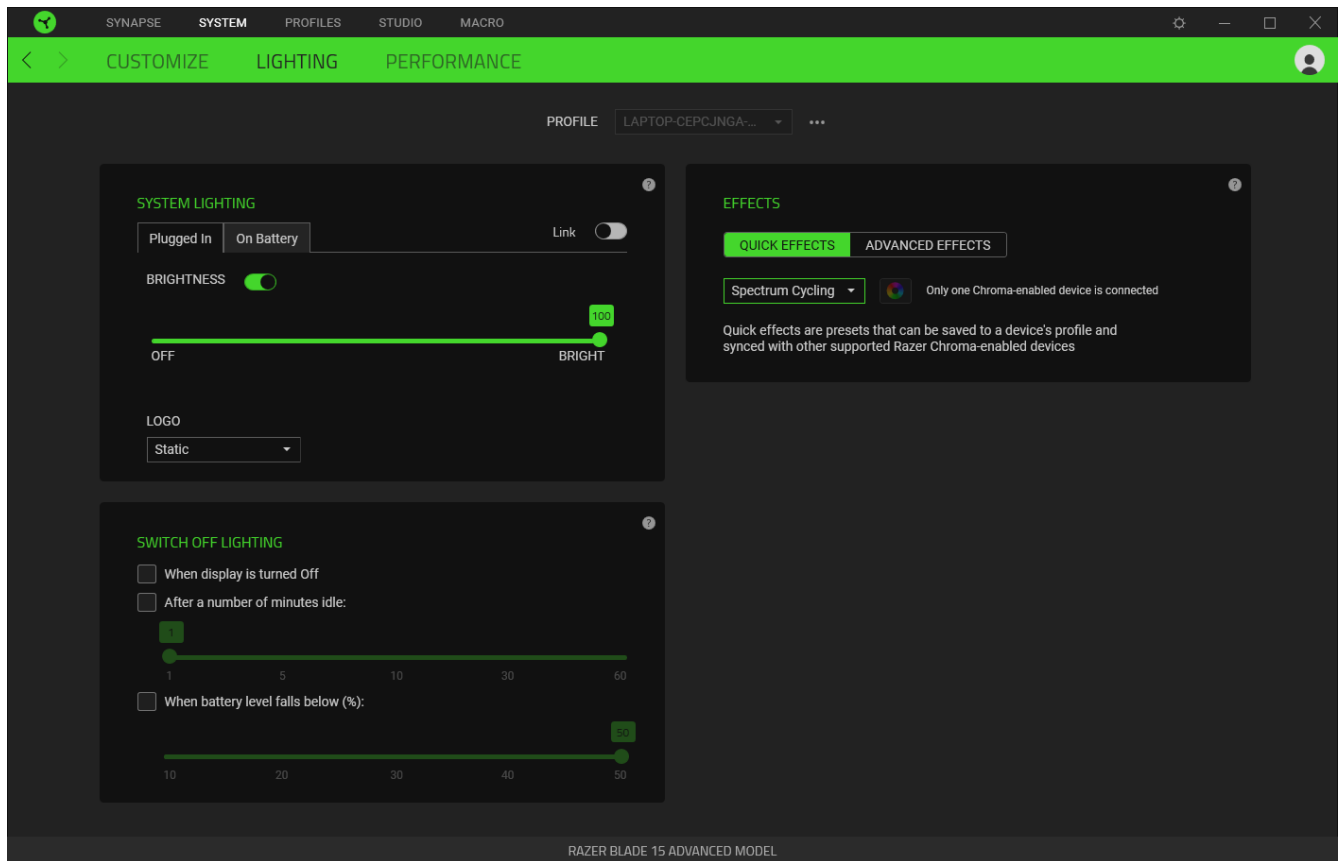
Text Function enables you to type a prewritten text with a touch of a key. Simply write your desired text on the given field and your text will be typed whenever the assigned key is pressed. This function has full Unicode support and you can also insert special symbols from character maps.

Disable

This option renders the assigned key unusable. Use Disable if you do not want to use the selected key or if it interferes with your gaming.

Lighting

The Lighting subtab enables you to modify your Razer device's light settings.



System Lighting









You can turn off your Razer device's lighting by toggling the Brightness option or increase/decrease the luminance using the slider. You can also adjust the logo lighting using the dropdown option.


Switch Off Lighting

This power saving tool which allows you to disable your device's lighting in response to your system's display turning off and/or automatically power down when your Razer Blade has been idle for a set amount of time. You may also set the lighting to turn off when the device's battery level is below a certain percentage.

Quick Effects


A number of quick effects can be selected and applied to your device's lighting, as listed here:

	Name	Description	How to set up
	Breathing	The keyboard fades in and out of the selected color(s)	Select up to 2 colors or randomize colors
	Fire	The keyboard lights up in warm colors to mimic the motion of flames	No further customization required
	Reactive	The LEDs will light up when a key is pressed. The light will fade off after a specified period of time	Select a color and a duration
	Ripple	On key press, light will ripple away from the pressed key	Select a color
	Spectrum cycling	The lighting will cycle between 16.8 million colors indefinitely	No further customization required
	Starlight	Each LED will have a chance of fading in and out at a random time and duration	Select up to 2 colors or randomize colors and select a duration
	Static	The LEDs will remain lit in the selected color	Select a color
	Wave	The lighting will scroll in the direction selected	Select either left-to-right or right-to-left wave direction

If you have other supported Razer Chroma-enabled devices, you can synchronize their quick effects with your Razer device by clicking the Chroma Sync button ().

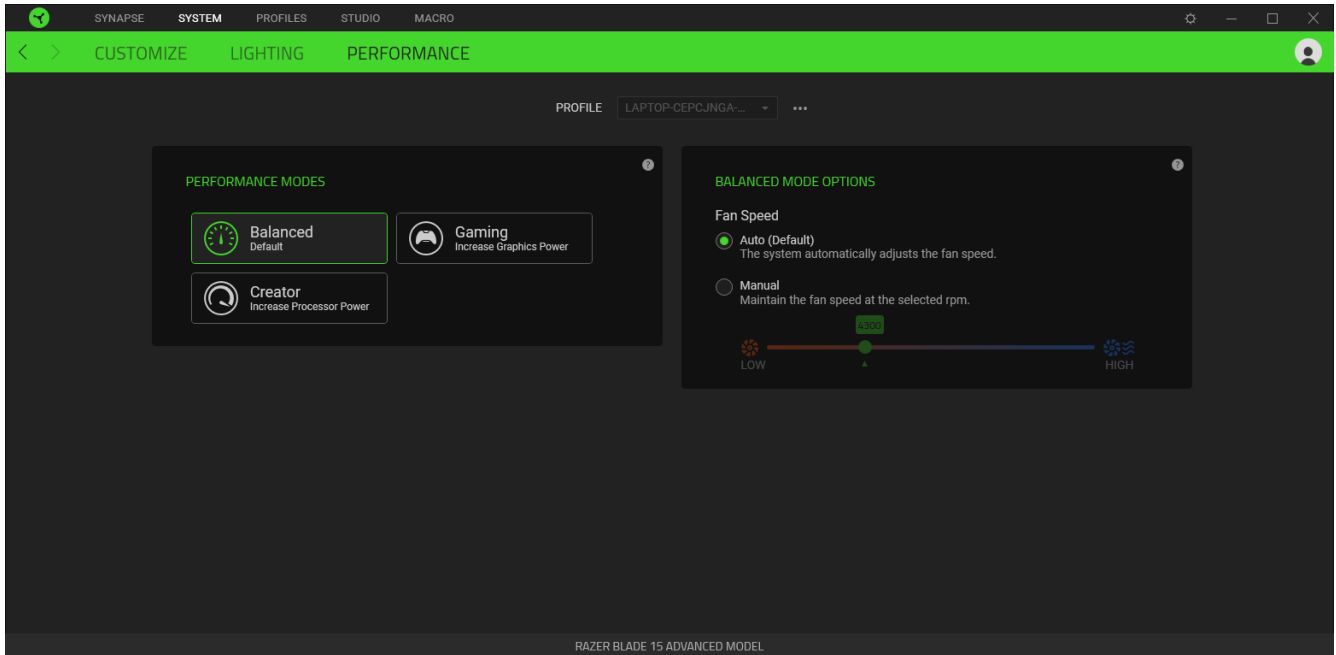
 *Only devices that support the selected lighting effect will synchronize.*

Studio Effects

The Studio Effects option allows you to choose a Chroma Effect you want to use on your Razer Chroma-enabled device. To start making your own Chroma Effect, simply press the Chroma Studio button (). [Click here to learn more about the Chroma Studio](#)

Performance

The Performance subtab allows you to manage your device's energy consumption when running on batteries. Use the different modes to control the performance and fan speed of your Razer Blade.

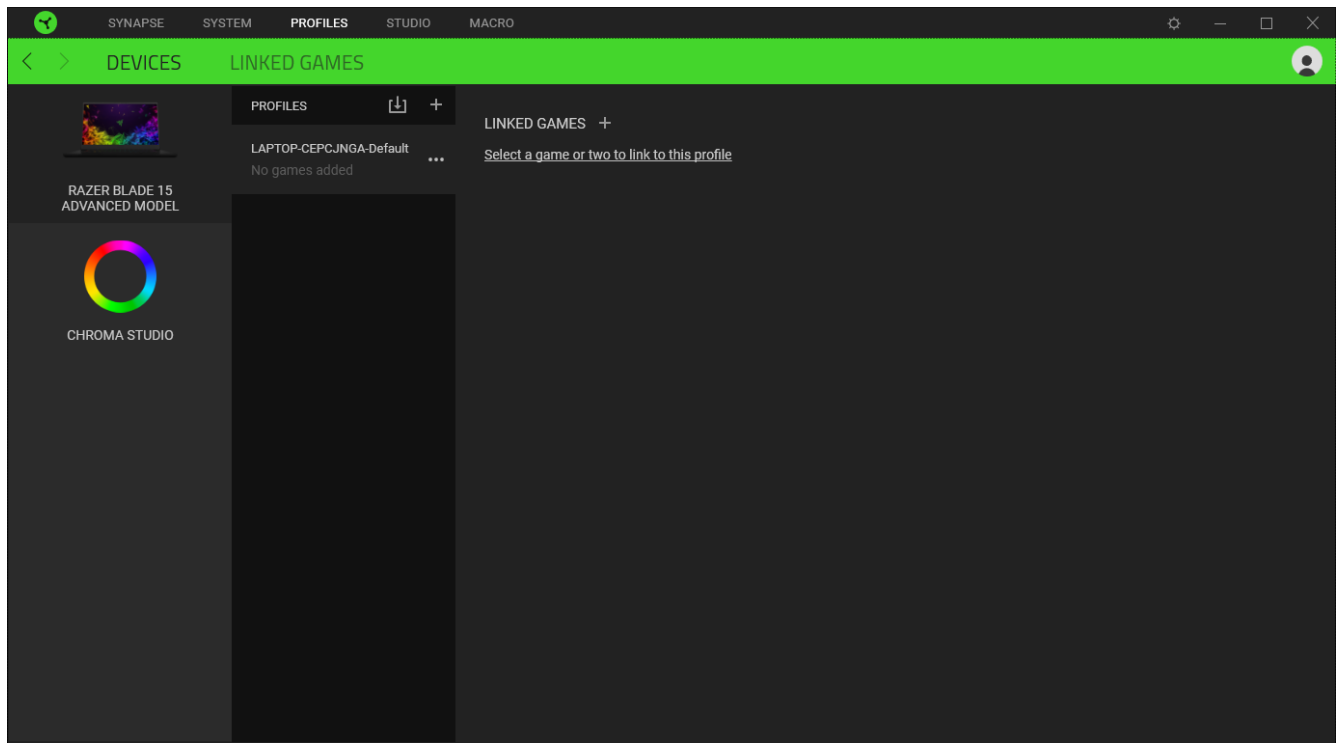





PROFILES TAB

The Profiles tab is a convenient way of managing all your profiles and linking them to your games and applications.

Devices

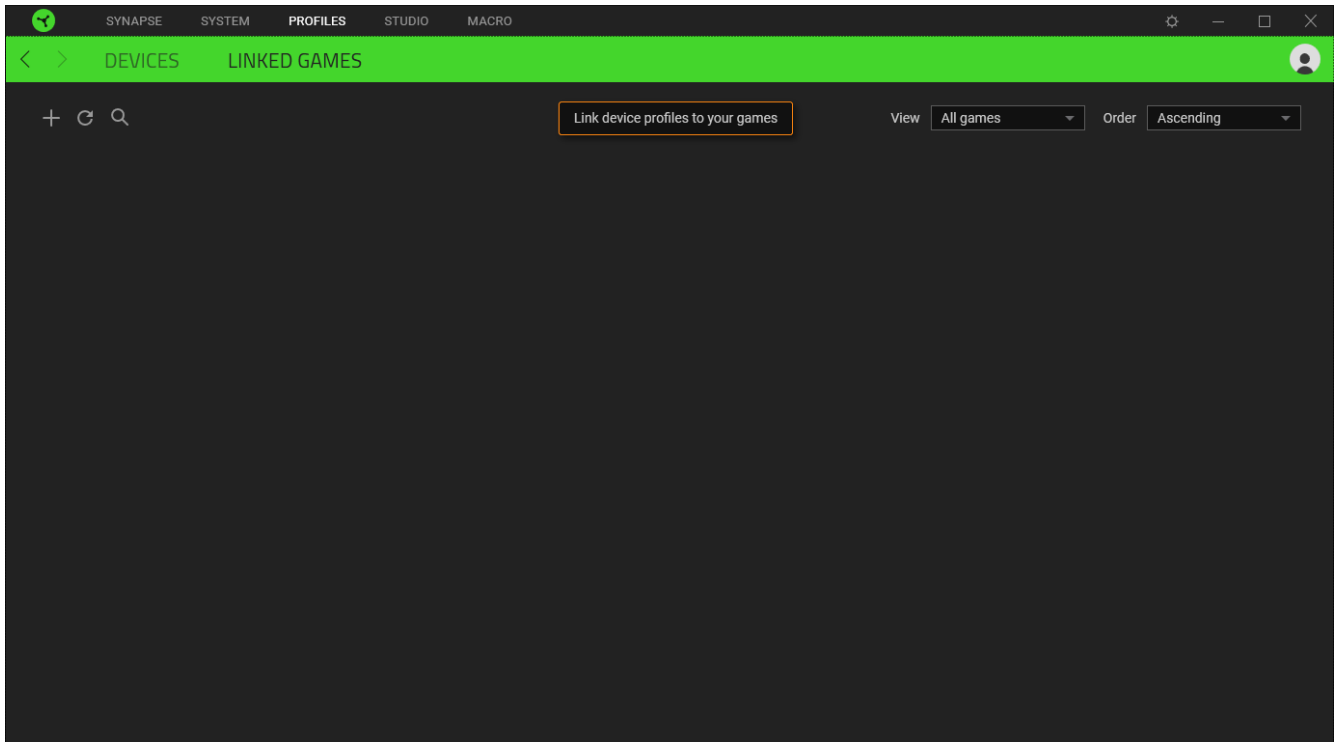
View which games are linked to each device's profiles or which Chroma Effect is linked to specific games using the Devices subtab.



You can import Profiles / Chroma Effects from your computer or from the cloud through the import button (), or create new profiles within the selected device or new Chroma Effects for specific games using the add button (). To rename, duplicate, export, or delete a profile, simply press the Miscellaneous button (). Each profile and/or Chroma Effect can be set to automatically activate when you run an application using the Linked Games option.

Linked Games

The Linked Games subtab gives you the flexibility to add games, view devices that are linked to games, or search for added games. You can also sort games based on alphabetical order, last played, or most played. Added games will still be listed here even if it is not linked to a Razer device.




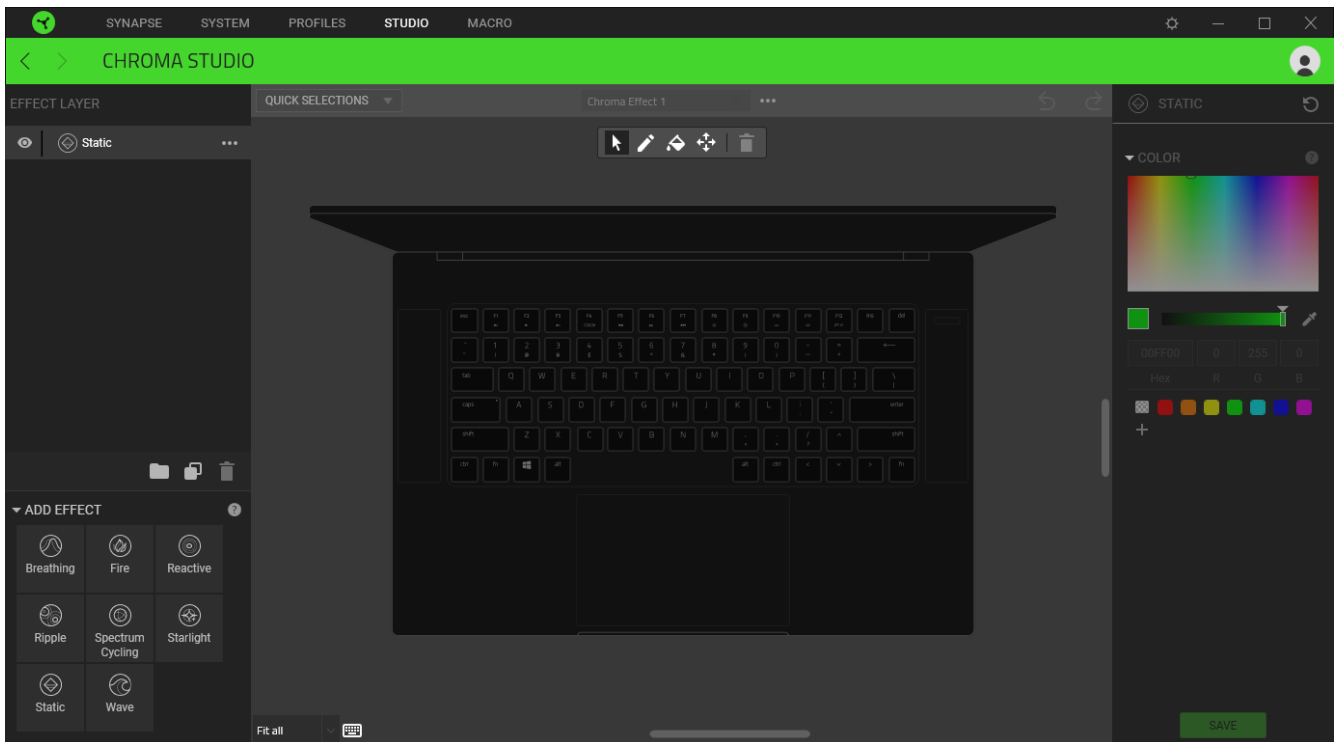
To link games to connected Razer devices or Chroma Effects, simply click on any game from the list, and then click **Select a device and its profile to launch automatically during gameplay** to select the Razer device or Chroma Effect it will link with.

Once linked, you may click on the Miscellaneous button (●●●) of the corresponding Chroma Effect or device to select a specific Chroma Effect or profile.

STUDIO TAB

! *The Studio tab will only be accessible once you have installed the Chroma Studio module from the Modules sub tab.*

The Chroma Studio enables you to create and edit your own Chroma Effects which you can apply to all supported Razer Chroma-enabled and/or RGB devices. To add, import or export, rename, duplicate, or delete a Chroma Effect, simply click the Miscellaneous button (•••). To revert the selected layer to its original setting, click the Reset button (↺). And to apply and save a modified layer, click the Save button ().








Quick Selections

The Quick Selections drop-down menu are a preset of lighting regions which you can use to easily customize your Razer device. Alternatively, you can individually select an LED by clicking on the area or select multiple LEDs by using click and drag.




Selection Panel & Controls

The Selection Panel allows you to fluidly select or remove LED areas your Chroma Effect will use. Listed below are the selection functions you can choose from:

-  Selector – Select the LEDs where you want to apply the current effect.
-  Pen - Draw directly on the LEDs with the current effect.

-  Paint Bucket - Fill an area continuously with the current effect.
-  Move - Enables you to reposition the devices.
-  Clear Selection - Removes the applied effect from the selected area.


Effect Layer



Lighting effects are arranged in layers wherein the topmost layer takes priority. You can group multiple lighting effects by clicking the Add Group button () and dragging the layers you want to group to the newly added folder, duplicate a layer by clicking the Copy button (), or delete a layer by clicking the Trash button (). Some layers may have overlapping effects, so you may need to arrange layers in a specific order.

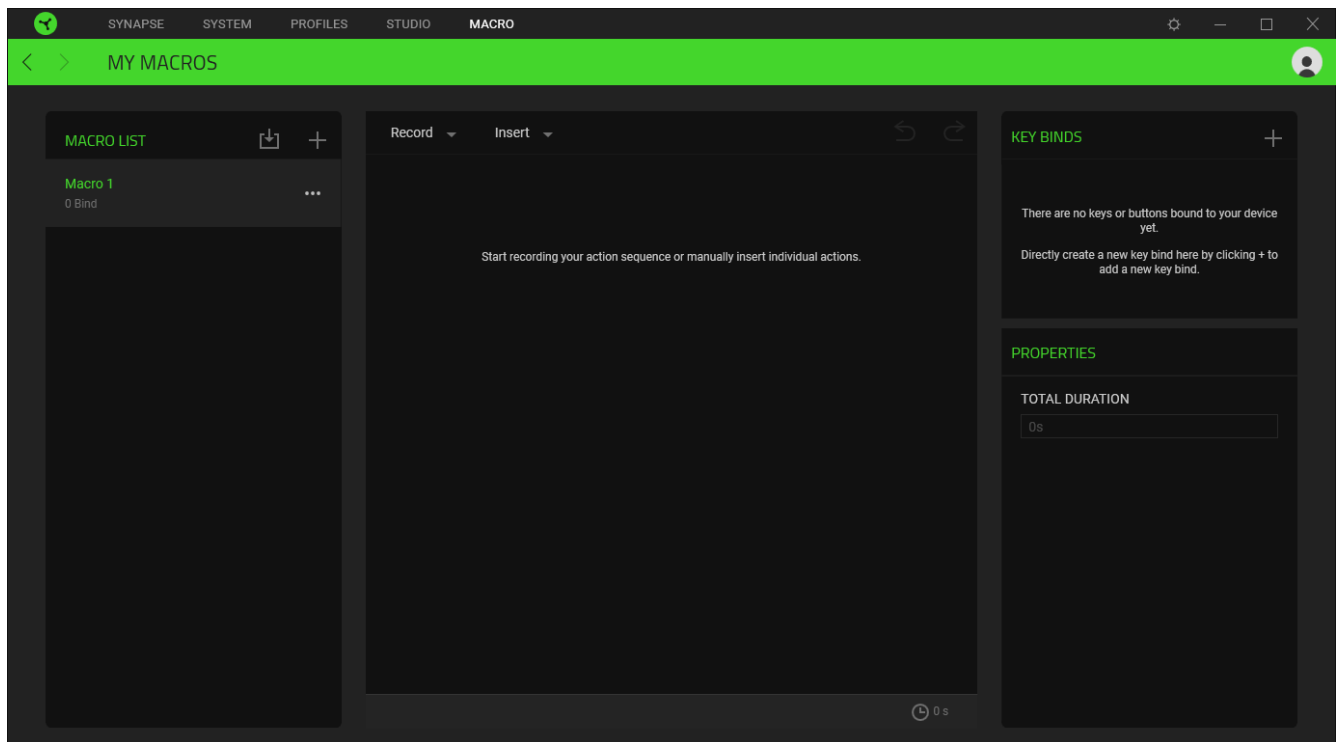
Add Effect




All supported quick effects are listed under the Add Effect option which you can click to insert onto the Effect Layer. Quick Effects can be edited on the Chroma Studio by allowing you to change its preset color, properties, and playback options. ^

MACROS TAB

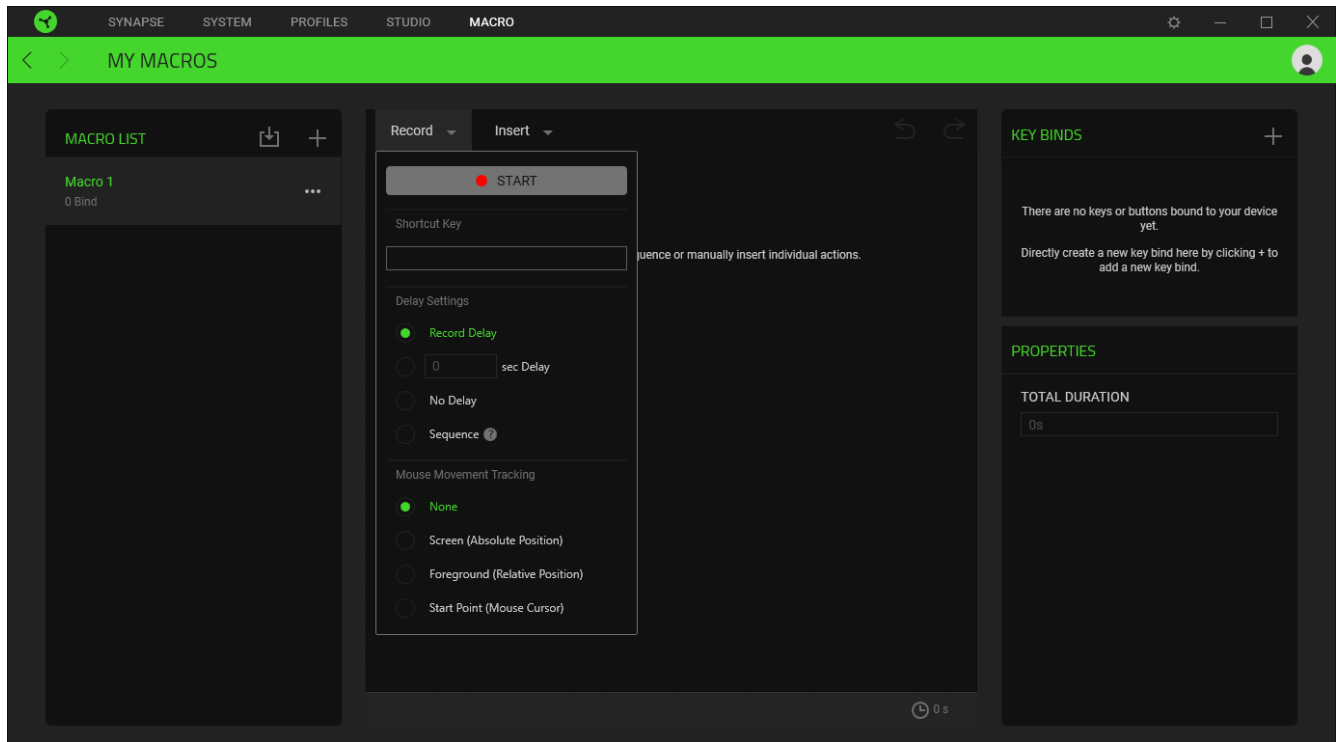
 *The Macro tab will only be accessible once you have installed the Macro module from the Modules tab.*

If you need to accurately execute a series of complex commands, then you need a Macro. A macro is a set of recorded keystrokes, button presses, and cursor movements. The Macros tab allows you to create, edit, and organize these macros so that you can assign them to the keys or buttons of your Razer device. You can also share macros with others using the import button () and export button ().



There are also other options available in the macro section such as creating a new macro by clicking the Add button (), delete the current macro by clicking the Trash button (), and duplicate the current macro using the Copy button ().

To create a macro, simply select a macro name to store your commands, then click the **Record** menu.





From here you may assign a key or button on the Shortcut Key field that will start or stop the macro recording if you want to record commands and/or movements outside the Razer Synapse window. You may also opt to include or remove the delay or the amount of time between each command through the Delay Settings listed below:

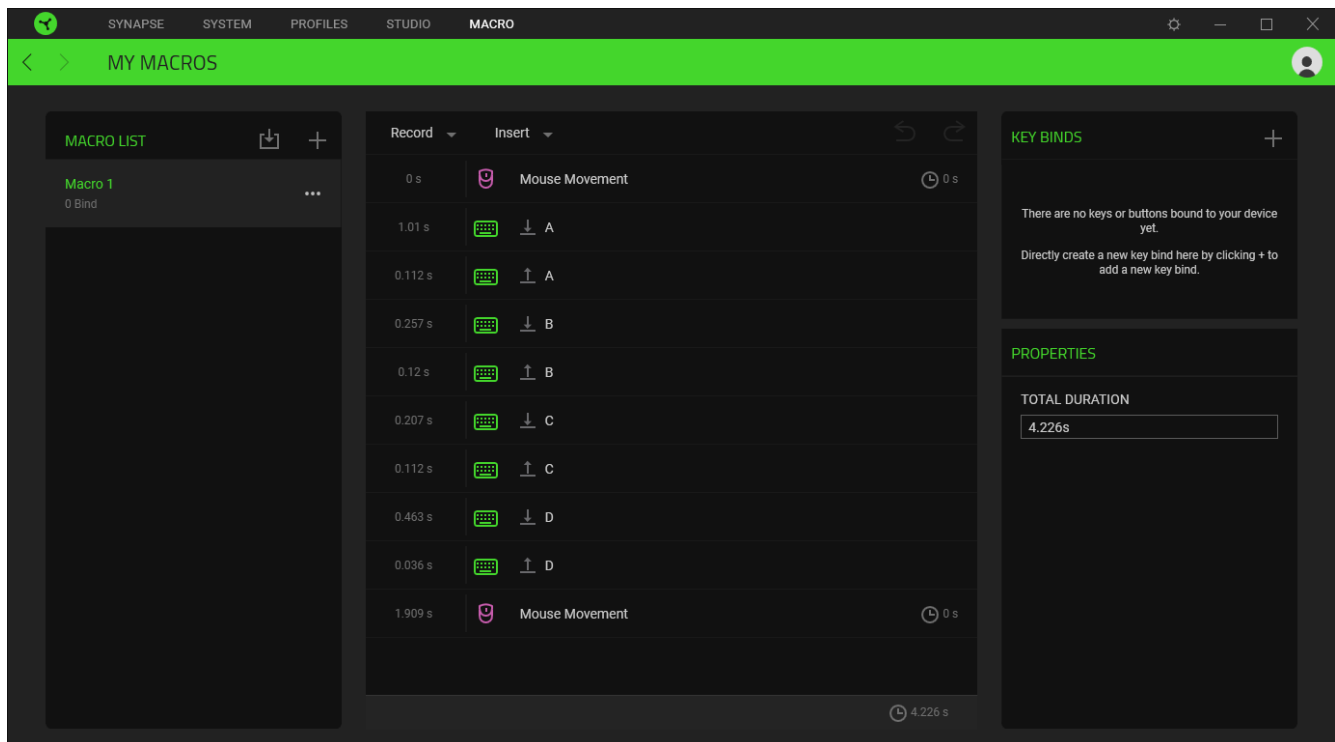
- Record delay – Includes all delays between each command.
- Sec delay – Uses your specified time (in seconds) as a delay between each command.
- No Delay – Removes all delays between each command.
- Sequence– Upon binding a macro using this setting to a button or key, each command within the macro will only be executed by pressing the key bound to the macro continuously.

Or choose to remove or include your preferred mouse movement tracking setting from any of the settings listed below:


- None – Removes all mouse movements made during the macro recording.
- Screen (Absolute Position) – Uses and preserves the exact coordinates of the recorded mouse movement regardless of screen size changes.

- Foreground (Relative Position) – Automatically scales recorded mouse movements proportionally to your screen’s current resolution.
- Start point (Mouse Cursor) – Uses the current position of your mouse cursor when performing mouse patterns within macros.

Once you have chosen the settings for the macro, click the Start button (). After a brief countdown, all keystrokes, button presses, and mouse movements will be recorded on the macro screen. When you are done recording your macro commands, click on the Stop button () or simply press the Shortcut key to end the session.

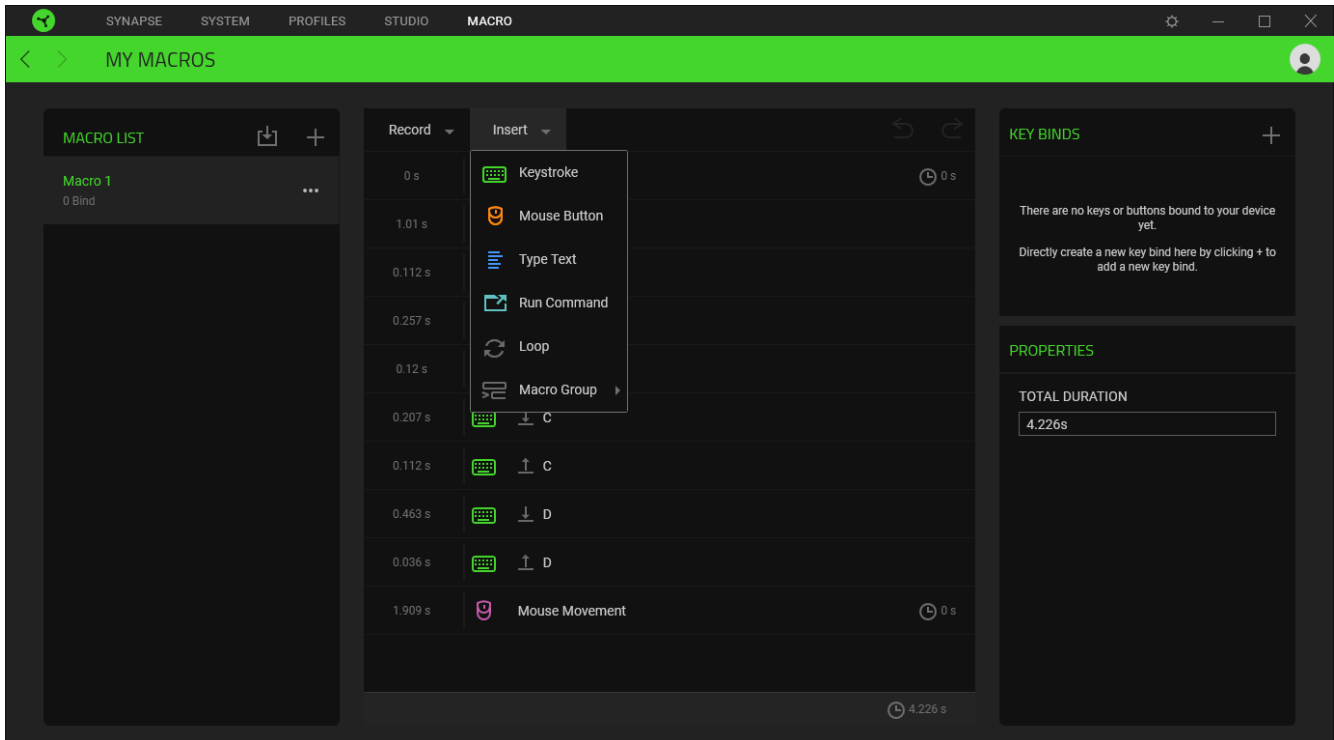


You may then proceed on binding the new macro with your preferred button or key using the Key Binds option. You may also change the overall duration of the recorded macro through the Total Duration field on the Properties option.

 *Changing the overall duration of a macro will proportionally adjust all delays included in each command within the macro.*

Once you have recorded a macro, you may edit the commands you have entered by selecting each command on the macro screen. Each keystroke or button press is arranged sequentially with the first command shown at the top of the screen.

The Insert drop-down menu allows you to put in additional keystrokes, button presses, type texts, run commands, loop a set of commands within the macro, or insert an entire macro group within the macro.



Key Binds

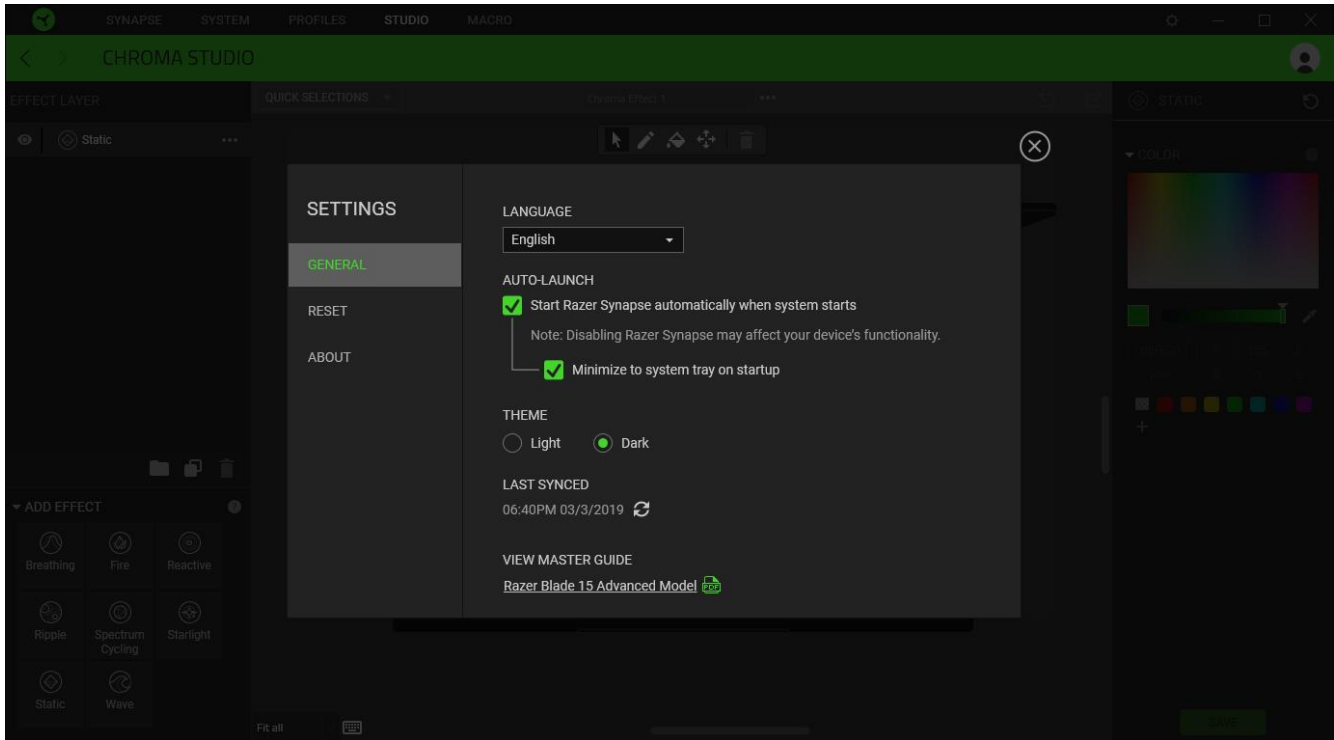
The Key binds option allows you to view the Shortcut Keys for the selected macro. You can bind a macro to the key or button of your choice without leaving the Macro tab by selecting the Macro you want to bind, and then clicking the Key bind button (+).

Properties

The Properties option enables you to individually edit commands, adjust their delay, change actions, and change the total duration of the macro so that it executes faster or slower.

SETTINGS WINDOW

The Settings window, accessible by clicking the (⚙️) button on Razer Synapse, enables you to configure the startup behavior and display language of Razer Synapse, view the master guides of each connected Razer device, or perform factory reset on any connected Razer device.



General tab

The default tab of the Settings window. The General tab enables you to change the software's display language, start-up behavior, and display theme. You may also manually sync your profiles to the cloud (🔄) or view the master guide of all connected Razer devices.

Reset tab

The Reset tab allows you to perform a factory reset on all connected Razer devices with on-board memory and/or reset Razer Synapse tutorials to acquaint yourself again with Razer Synapse's new features on its next launch.



By resetting a Razer device, all profiles stored on the selected device's on-board memory will be erased.

About tab

The About tab displays brief software information, copyright statement and provides relevant links for its terms of use. You may also use this tab to check for software updates, or as a quick access to Razer's social communities.

6. SAFETY AND MAINTENANCE

SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Blade, we suggest that you adopt the following guidelines:

1. Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact the Razer hotline or go to support.razer.com for assistance.
2. Do not take apart the device (doing so may void your warranty) and do not attempt to operate it under abnormal current loads.
3. Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and/or switch off the device in order to let the temperature stabilize to an optimal level.

COMFORT

Research has shown that long periods of repetitive motion, improper positioning of your computer peripherals, incorrect body position, and poor habits may be associated with physical discomfort and injury to nerves, tendons, and muscles. Below are some guidelines to avoid injury and ensure optimum comfort while using your Razer Blade.

1. Position your laptop directly in front of you. If you have an external mouse, position it next to the laptop. Place your elbows next to your side, not too far away and your mouse within easy reach.
2. Adjust the height of your chair and table so that the laptop is at or below elbow height.
3. Keep your feet well supported, posture straight and your shoulders relaxed.
4. During gameplay, relax your wrist and keep it straight. If you do the same tasks with your hands repeatedly, try not to bend, extend or twist your hands for long periods.
5. Do not rest your wrists on hard surfaces for long periods. When using an external mouse, use a wrist rest to support your wrist while gaming.
6. Do not sit in the same position all day. Get up, step away from your desk and do exercises to stretch your arms, shoulders, neck and legs.
7. If you should experience any physical discomfort while using your laptop, such as pain, numbness, or tingling in your hands, wrists, elbows, shoulders, neck or back, please consult a qualified medical doctor immediately.

BATTERY WARNING

The Razer Blade contains an internal, lithium-ion rechargeable battery. In general, the life expectancy of such battery is dependent upon usage. If you suspect that the lithium-ion rechargeable battery inside the Razer Blade may be drained (has a low charge), try charging it. If the battery does not recharge after several attempts, it may be non-operational.

Do not open, mutilate, or expose to conducting materials (metal), moisture, liquid, fire, or heat. Doing so may cause the battery to leak or explode, resulting in personal injury. Do not use or charge the battery if leaking, discolored, or deformed. Do not leave the rechargeable battery discharged or unused for extended periods. When not using your Razer Blade battery for more than 30 days, be sure to store the battery in a fully charged state. Do not tamper with the battery. Dispose of the used battery according to local regulations.

7. LEGALESE

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Razer shall in no event be liable for any lost profits, loss of information or data, special, incidental, indirect, punitive or consequential or incidental damages, arising in any way out of distribution of, sale of, resale of, use of, or inability to use the Product. In no event shall Razer's liability exceed the retail purchase price of the Product.

GENERAL

These terms shall be governed by and construed under the laws of the jurisdiction in which the Product was purchased. If any term herein is held to be invalid or unenforceable, then such term (in so far as it is invalid or unenforceable) shall be given no effect and deemed to be excluded without invalidating any of the remaining terms. Razer reserves the right to amend any term at any time without notice.

FCC DECLARATION OF CONFORMANCE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

For more information, refer to the online help system on [razer.com](https://www.razer.com).

FCC CAUTION STATEMENT

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

USAGE RESTRICTIONS

This Razer device was developed and designed to comply with the various wireless and telecom agency requirements throughout the world. This ensures that the device do not cause any harm to Public Switching Telecommunication Networks (PSTN) and do not violate any power and frequency spectrum allocations on a country by country basis. This device was also designed to be compliant with regulatory agency limits for Electromagnetic Compatibility (EMC).

IMPORTANT NOTICE FOR USE IN HEALTHCARE ENVIRONMENTS

This Razer device is not a medical device and is not listed under UL or IEC 60601 (or equivalent). This device should be kept at a certain distance to avoid harmful effects to patients or medical equipment.

AVIATION USAGE RESTRICTIONS

Certain restrictions apply to this device while on-board an aircraft. Razer encourages you to understand these restrictions to ensure the flight's safety and security.