



# RAZER BLADE PRO 17

MASTER GUIDE

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# 1. PACKAGE CONTENTS / REGISTRATION / TECHNICAL SUPPORT

## PACKAGE CONTENTS

- Razer Blade Pro 17
- Power adapter + regional power cord
- Micro-fiber cleaning cloth
- Important Product Information Guide

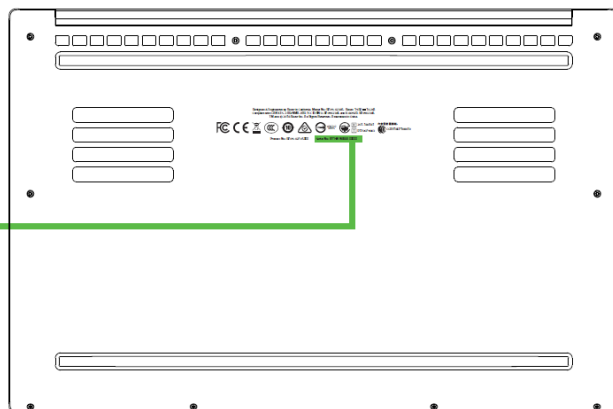
## REGISTRATION

Register your product online at [razerid.razer.com/warranty](https://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](https://razerid.razer.com) to get a wide range of Razer benefits.

Serial No.: BY19WWAAAAXXXX

*Your product's serial number can be found here.*



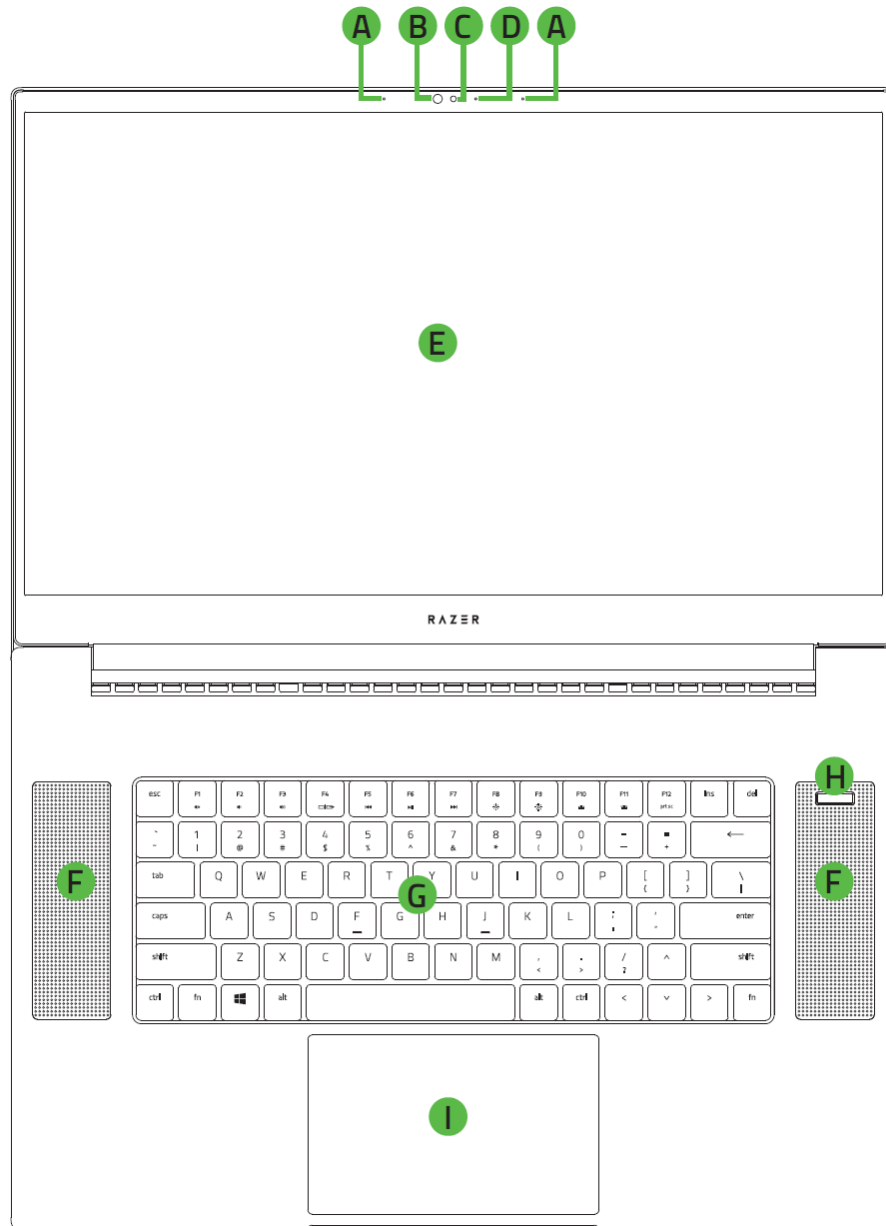
## TECHNICAL SUPPORT

- 1 year limited manufacturer's warranty.\*
- 1 year limited battery warranty.
- Access to manual and free online technical support at [support.razer.com](https://support.razer.com)
- For further assistance, please visit [support.razer.com/contact-us](https://support.razer.com/contact-us)

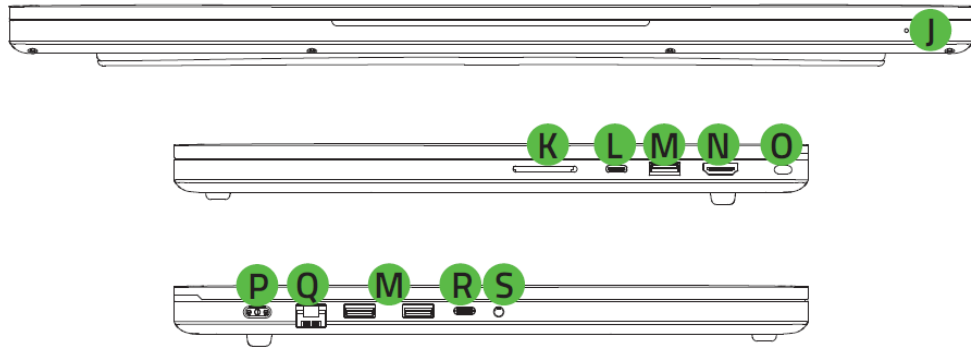
*\*Warranty may vary by region and is subject to applicable local law.*

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## 2. DEVICE LAYOUT



- A. Array microphone
- B. Infrared sensor
- C. Built-in webcam
- D. Webcam indicator light
- E. 17.3" Display
- F. Stereo speakers
- G. Per-Key Razer Chroma backlit keyboard
- H. Power button
- I. Precision glass touchpad

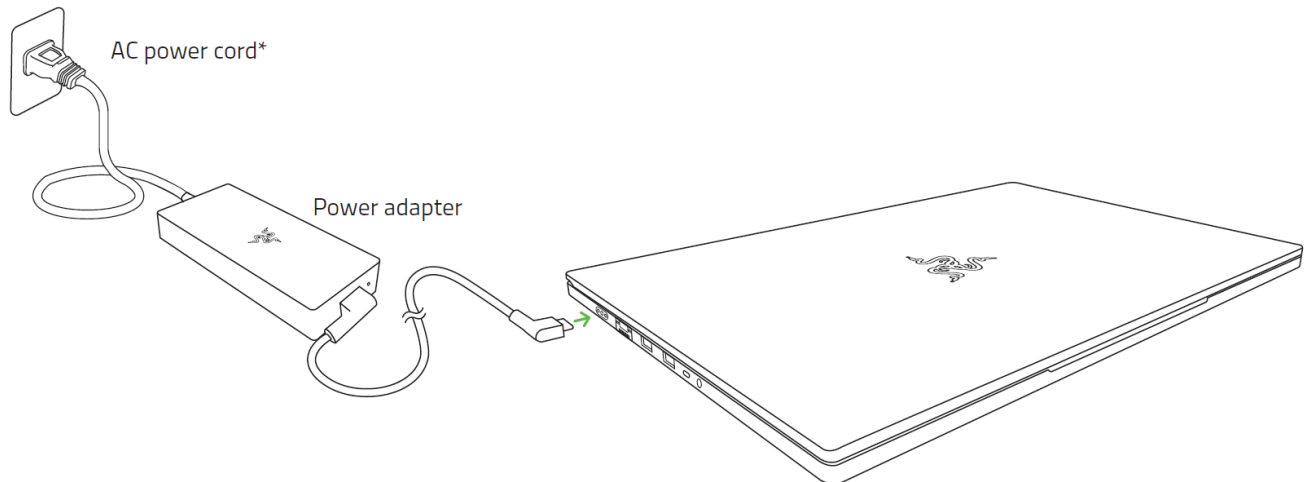


- J. Front LED power indicator
- K. UHS-III card reader
- L. Thunderbolt™ 3 port (USB-C™)
- M. USB-A ports
- N. HDMI 2.0b port
- O. Kensington security slot
- P. Power port
- Q. 2.5Gb Ethernet port
- R. USB-C™ 3.2 Gen 2 Port
- S. 3.5 mm headphone / microphone combo port

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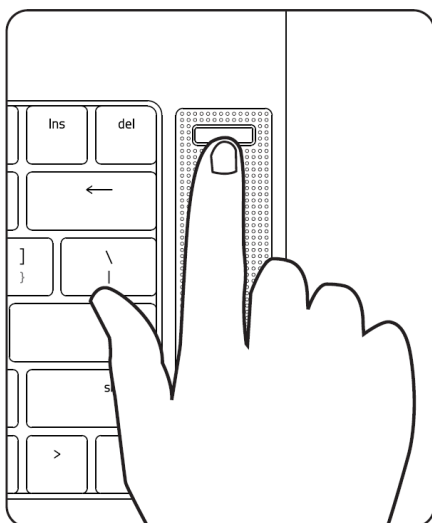
### 3. SETTING UP YOUR RAZER BLADE PRO 17

#### CONNECT THE POWER ADAPTER AS FOLLOWS:



Make sure that the AC plug is properly inserted into the power outlet and the power adapter. An indicator will light up to show that the adapter is receiving appropriate power. Insert the power adapter's connector into the Razer Blade Pro 17's power port. Press the power button to turn on your Razer Blade Pro 17.


*\*Use the appropriate power cord for your region.*

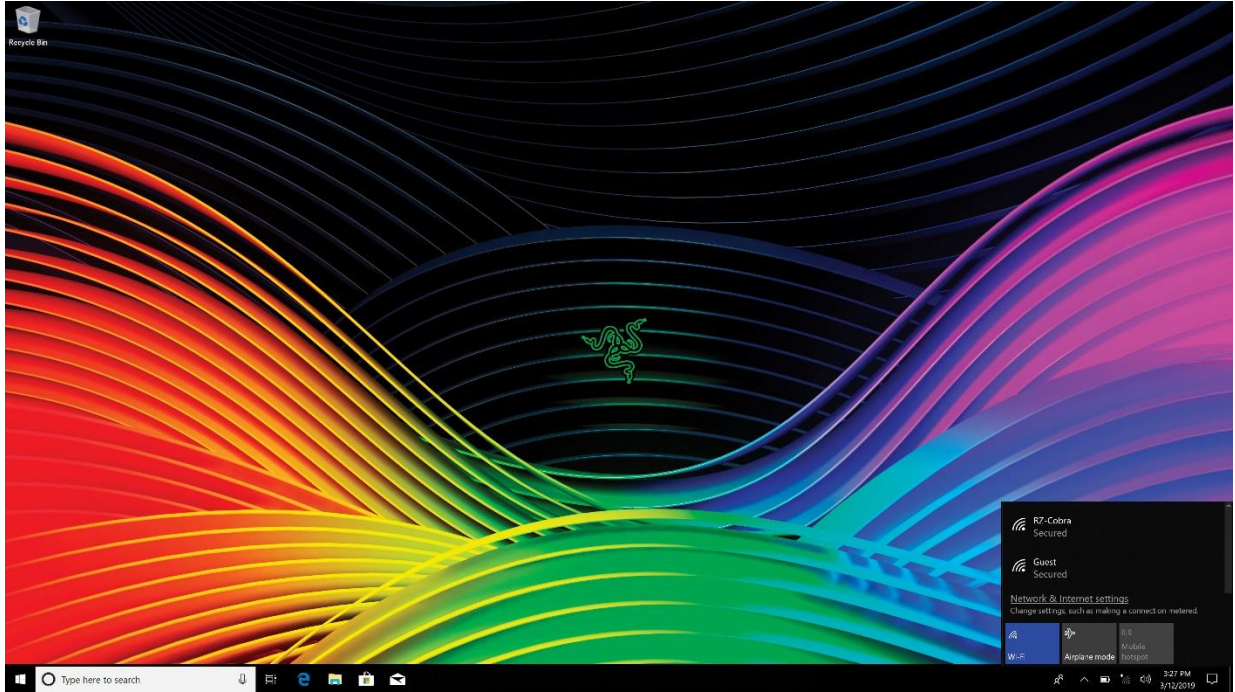


For first time use, please fully charge your Razer Blade Pro 17 or connect it to a power outlet before turning it on. It takes at least 2 hours to fully charge the Razer Blade Pro 17.

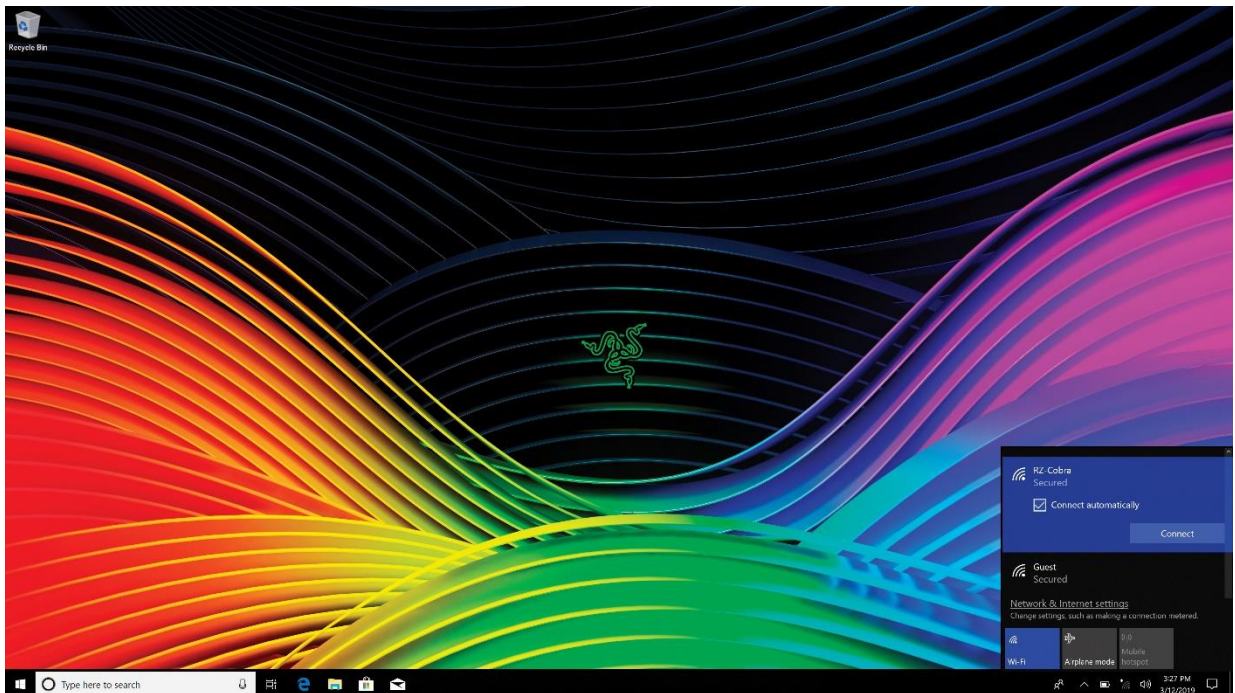
## CONNECTING TO THE INTERNET

 *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.

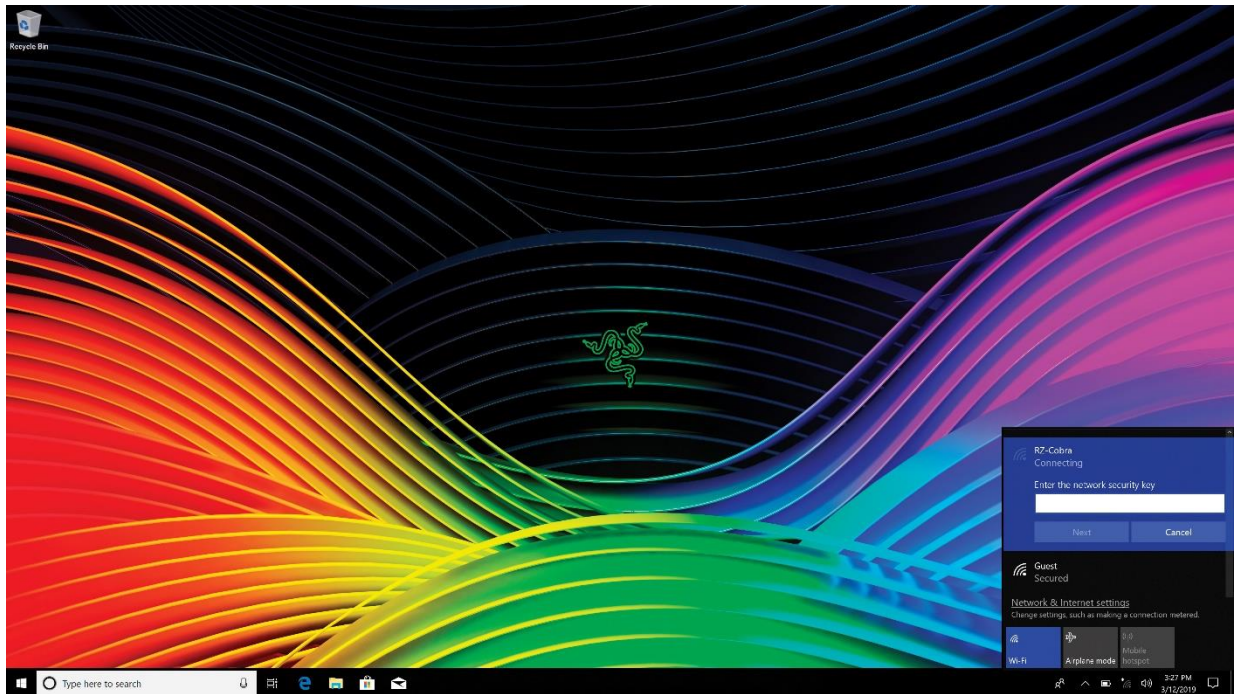


2. Click the network you wish to connect to and click **Connect**.





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

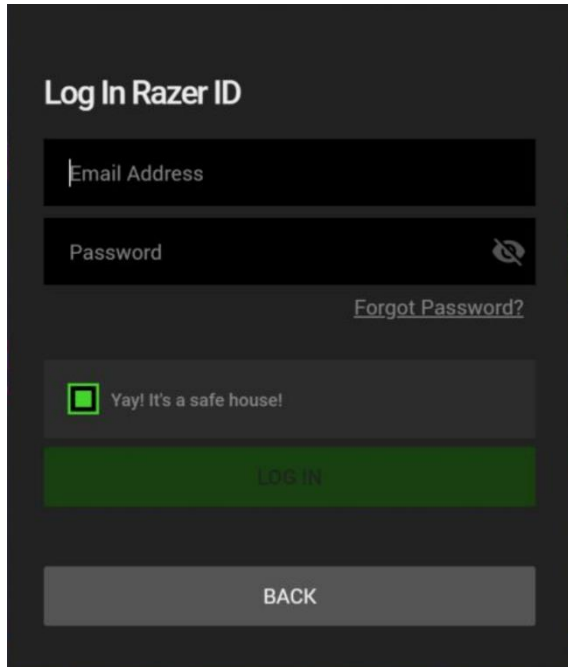


4. Once you are connected to the wireless network, click anywhere outside the window to return to the desktop.



## INSTALLING RAZER SYNAPSE 3

Razer Synapse 3 allows your Razer Blade Pro 17 and other supported Razer peripherals to download drivers and firmware updates. Razer Synapse 3 also enables your custom settings to be stored on cloud servers so that they can be accessed anytime, anywhere.



The screenshot shows the 'Log In Razer ID' interface. It features a dark background with white text. At the top, the title 'Log In Razer ID' is displayed. Below the title are two input fields: 'Email Address' and 'Password'. The 'Password' field includes a toggle icon for visibility. A link for 'Forgot Password?' is positioned below the password field. A checkbox with a green square is checked, accompanied by the text 'Yay! It's a safe house!'. At the bottom, there are two buttons: a green 'LOG IN' button and a grey 'BACK' button.

1. Razer Synapse will start automatically once you enter Windows 10.
2. Register for a Razer ID or log in with an existing account.
3. Wait until Razer Synapse automatically downloads and installs the necessary drivers.

## 4. USING YOUR RAZER BLADE PRO 17

### 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 Pro 17's screen.
 	The LED control keys allow you to decrease (  ) or increase (  ) the brightness of your keyboard's LEDs.

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## 5. CONFIGURING YOUR RAZER BLADE PRO 17

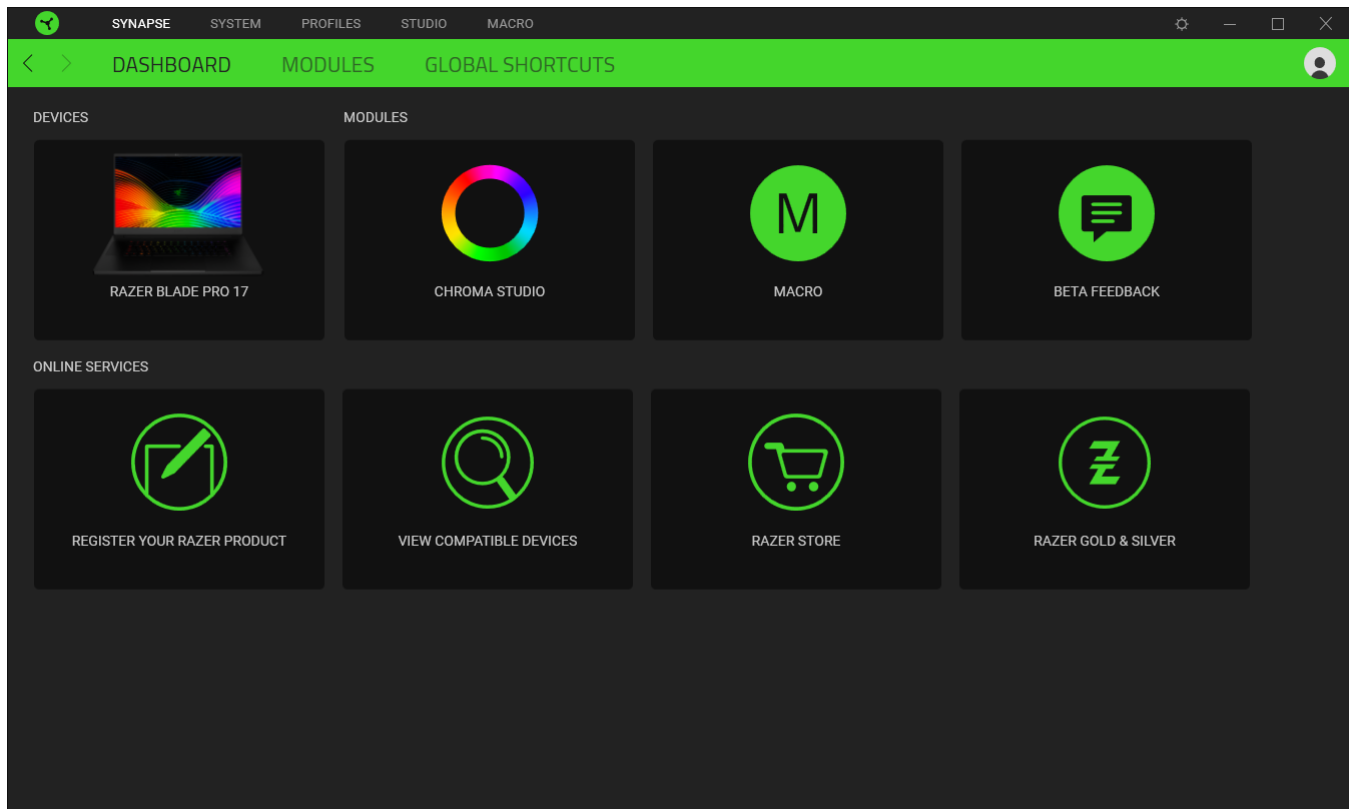
**!** *The features listed here require you to log in to Razer Synapse. These features are also subject to change based on the current software version and your Operating System.*

### SYNAPSE TAB

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

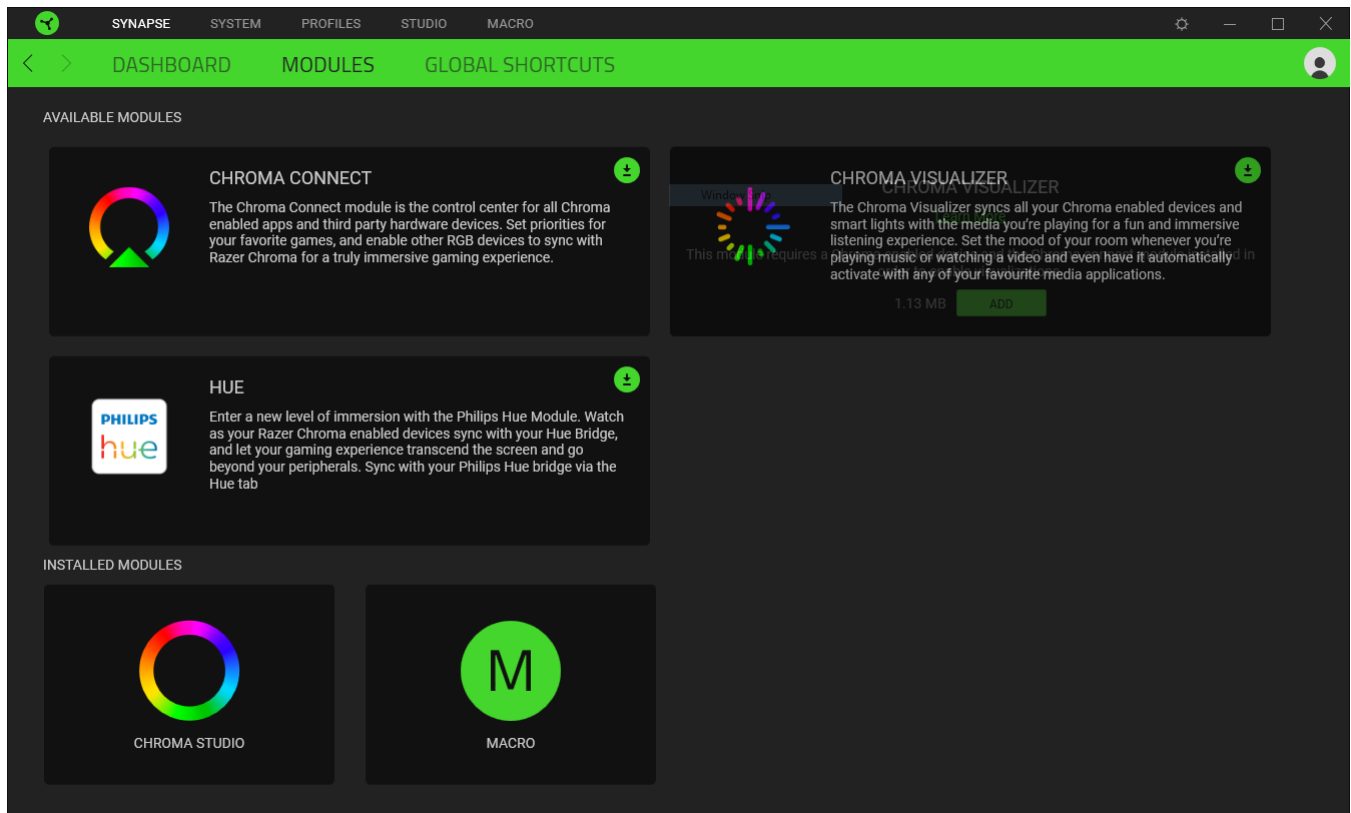
#### Dashboard

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



## Modules

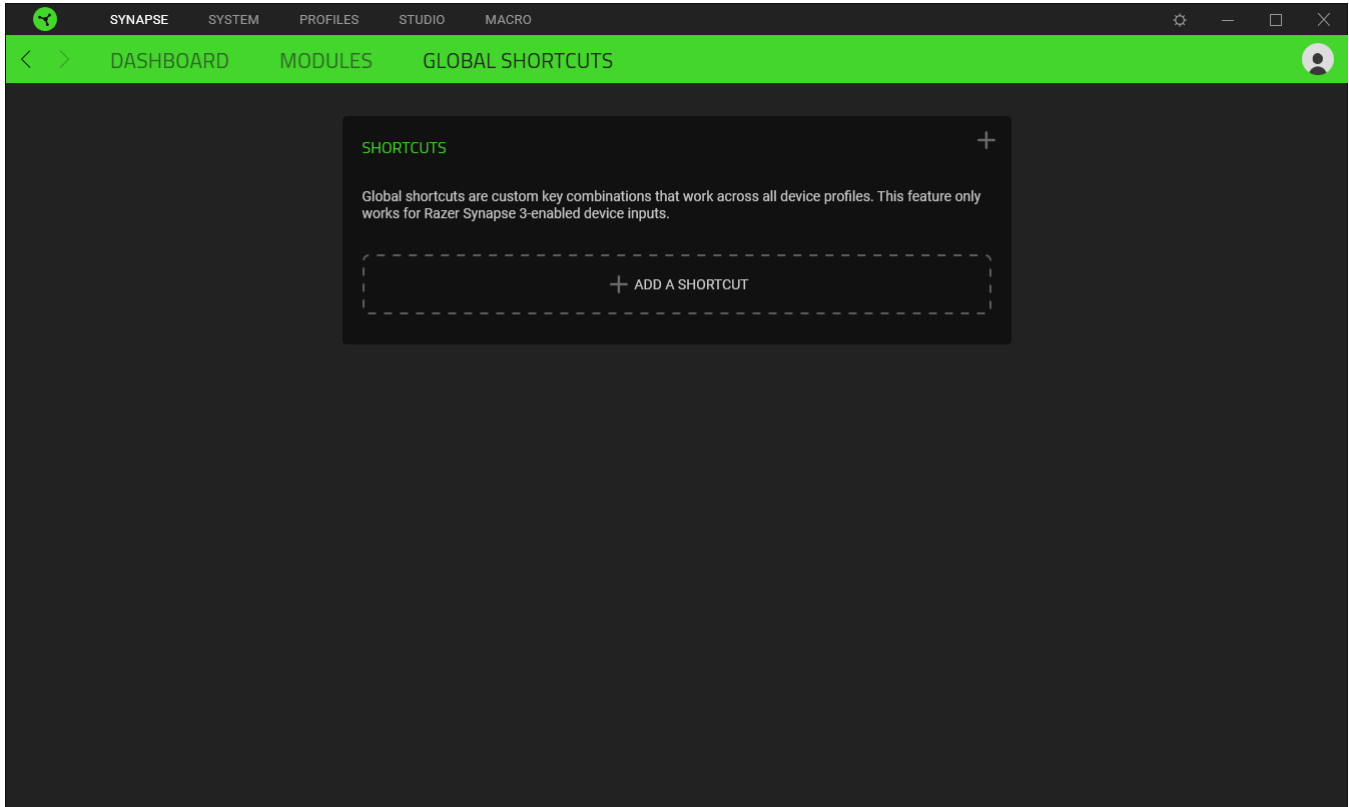
The Modules subtab displays all installed and available modules for installation.



## Global Shortcuts

Bind operations or Razer Synapse 3 functions to custom key-combinations from any Razer Synapse-enabled device inputs which apply across all device profiles. [Learn more about Profiles](#)

 *Only Razer Synapse-enabled device inputs will be recognized.*

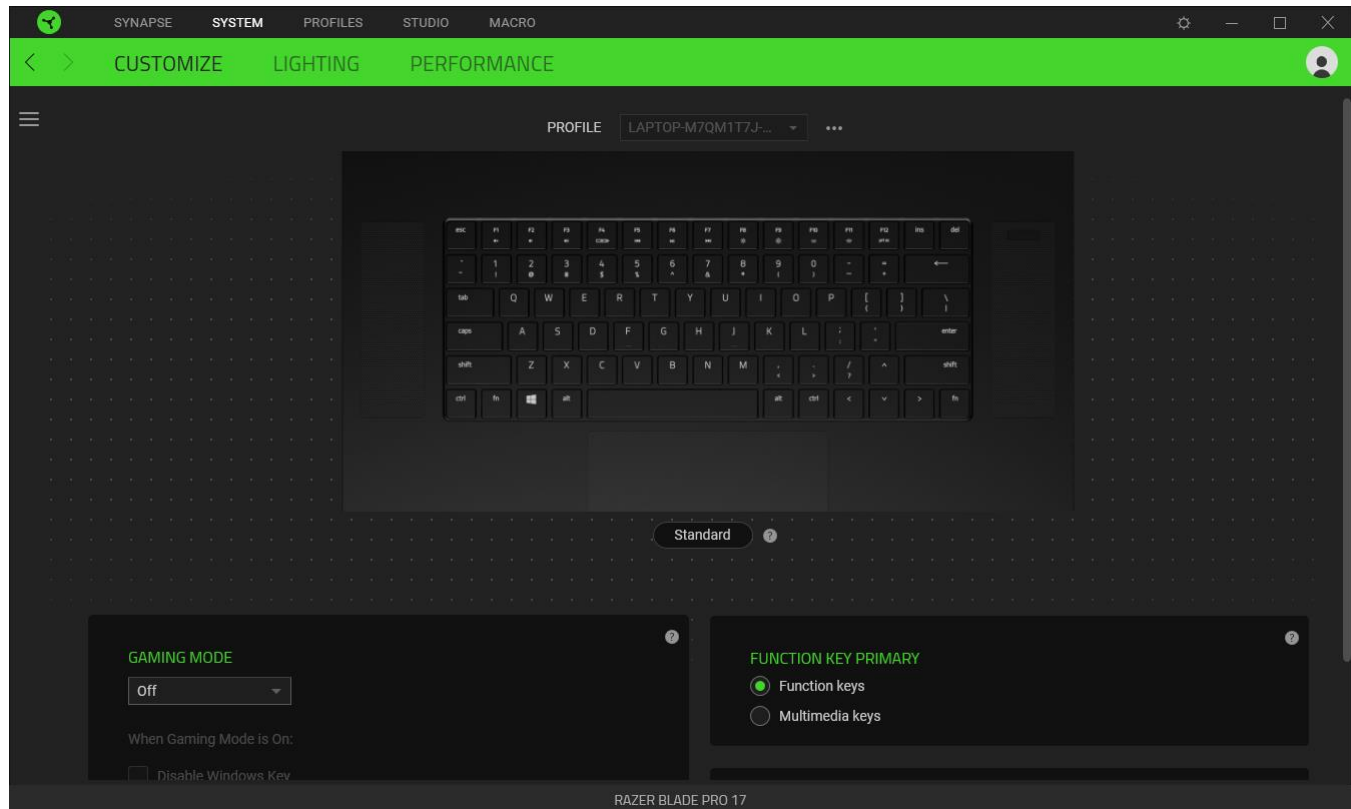


## SYSTEM TAB

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 device, 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.

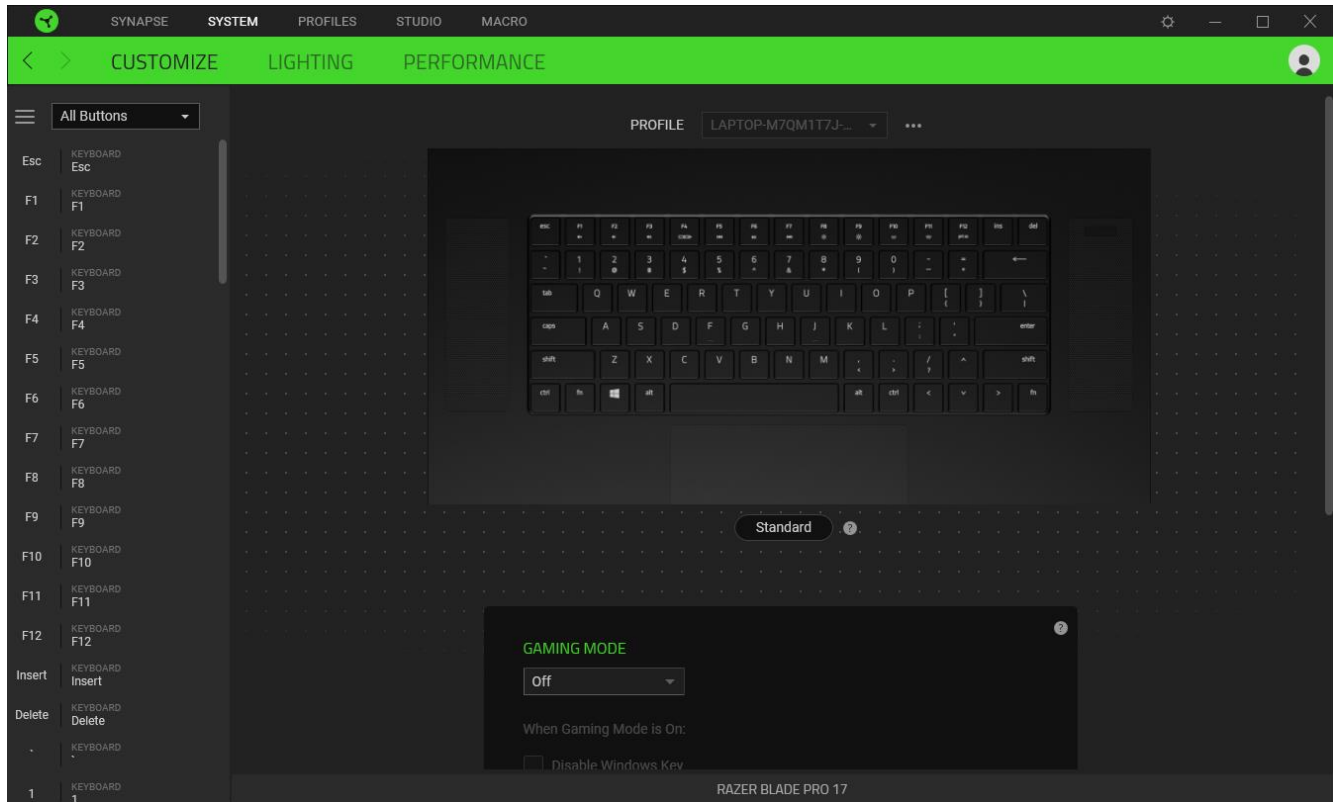
### *Trackpad Properties*

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.

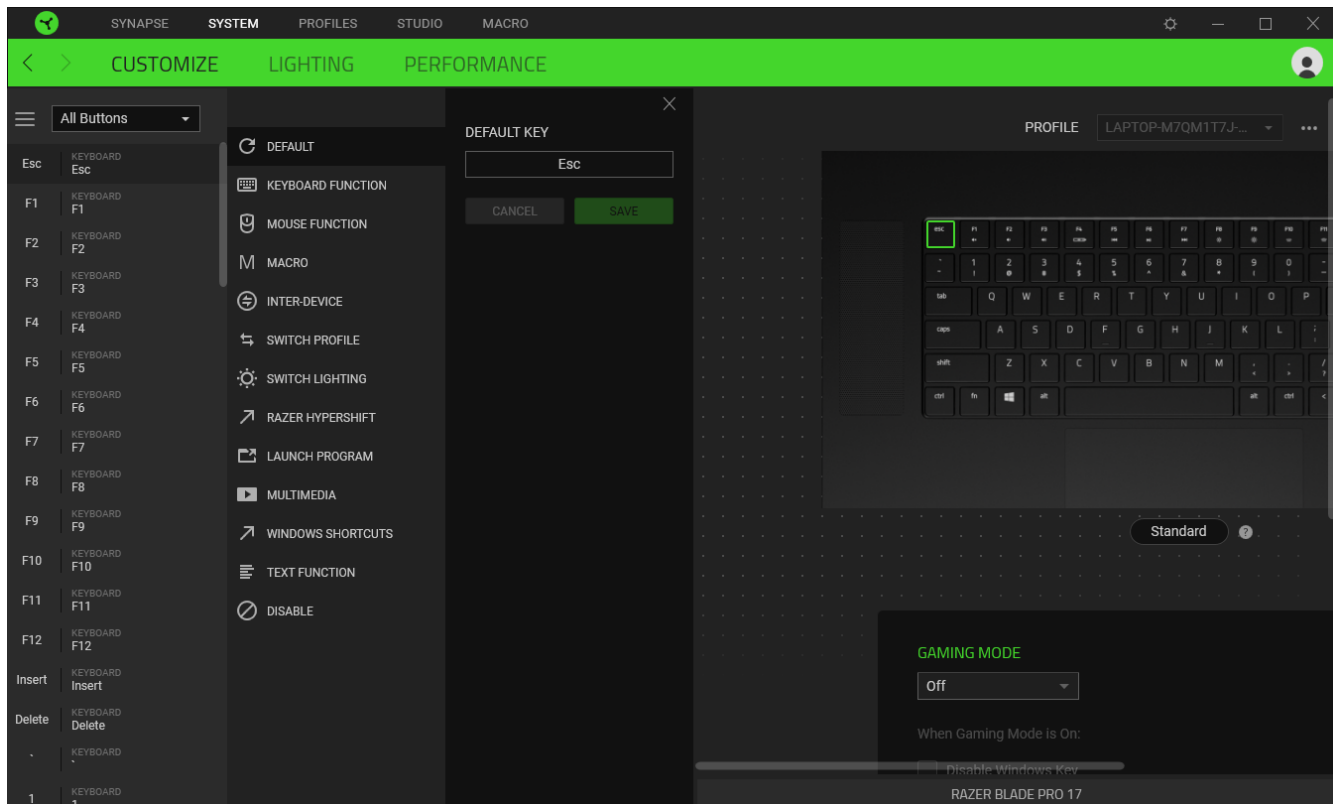


## Sidebar

Clicking the Sidebar button (☰) will reveal all current key assignments for your Razer Blade Pro 17.



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](#)

## Inter-device

Inter-device allows you to change the functionality of other Razer Synapse-enabled devices. Some of these functionalities are device-specific such as using your Razer gaming keyboard to change the Sensitivity Stage of your Razer gaming mouse.

## 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](https://support.microsoft.com/kb/126449)

## Text Function

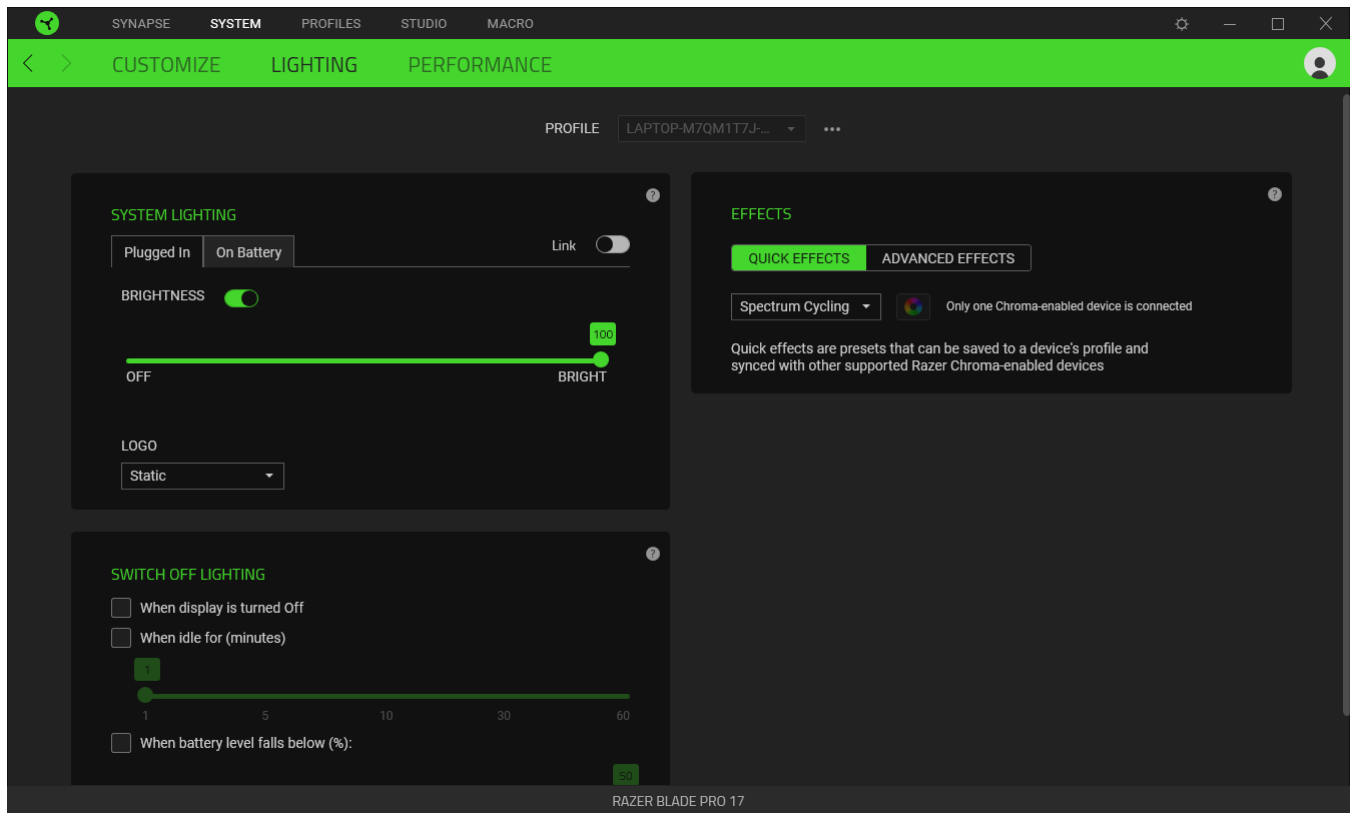
Text Function enables you to type a prewritten text with a touch of a key. Simply write your desired text on the given field and your text will be typed whenever the assigned key is pressed. This function has full Unicode support and you can also insert special symbols from character maps.

## 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











Customize the brightness of your Razer device when plugged in and/or on battery. You can turn off your Razer device's lighting by toggling the Brightness option or increase/decrease the luminance using the slider. You may also toggle the Link option if you want to use a single brightness setting for your Razer Blade Pro 17 or change the logo lighting using the dropdown option.

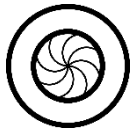
### Switch Off Lighting

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 Pro 17 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
	Ambient awareness	The lighting will reflect the averaged color on the selected screen region	Select or customize a screen region
	Audio meter	The LEDs will light up according to the audio level with a default spectrum of colors	Select a Color Boost level
	Breathing	The lighting will fade in and out of the selected color(s)	Select up to 2 colors or randomize colors
	Fire	The LEDs will light 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



Wheel

The lighting will rotate in the direction selected with a default spectrum of colors

Select either counter-clockwise or clockwise wheel 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.*

### *Advanced Effects*

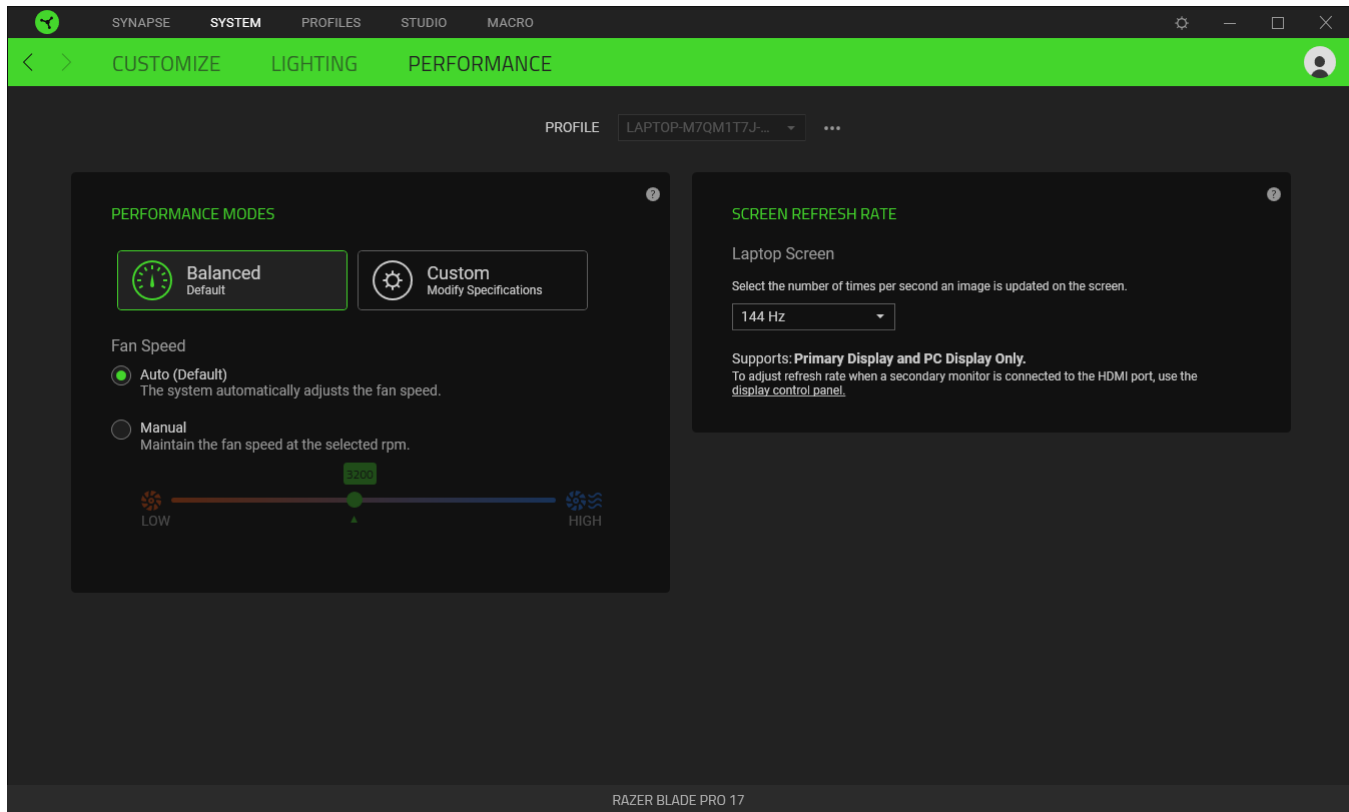
The Advanced Effects allow you to choose a Chroma Effect you want to use on your compatible devices. To start making your own Chroma Effect, simply press the Chroma Studio button

(  ). [Click here to learn more about the Chroma Studio](#)



## Performance

The Performance subtab allows you to optimize the system's power usage and/or how smooth a moving image will look on the screen.



### *Performance Modes*

Select from a set of modes that adjusts the system's performance, fan speed, and power usage to optimize it for different tasks.

### *Screen Refresh Rate*

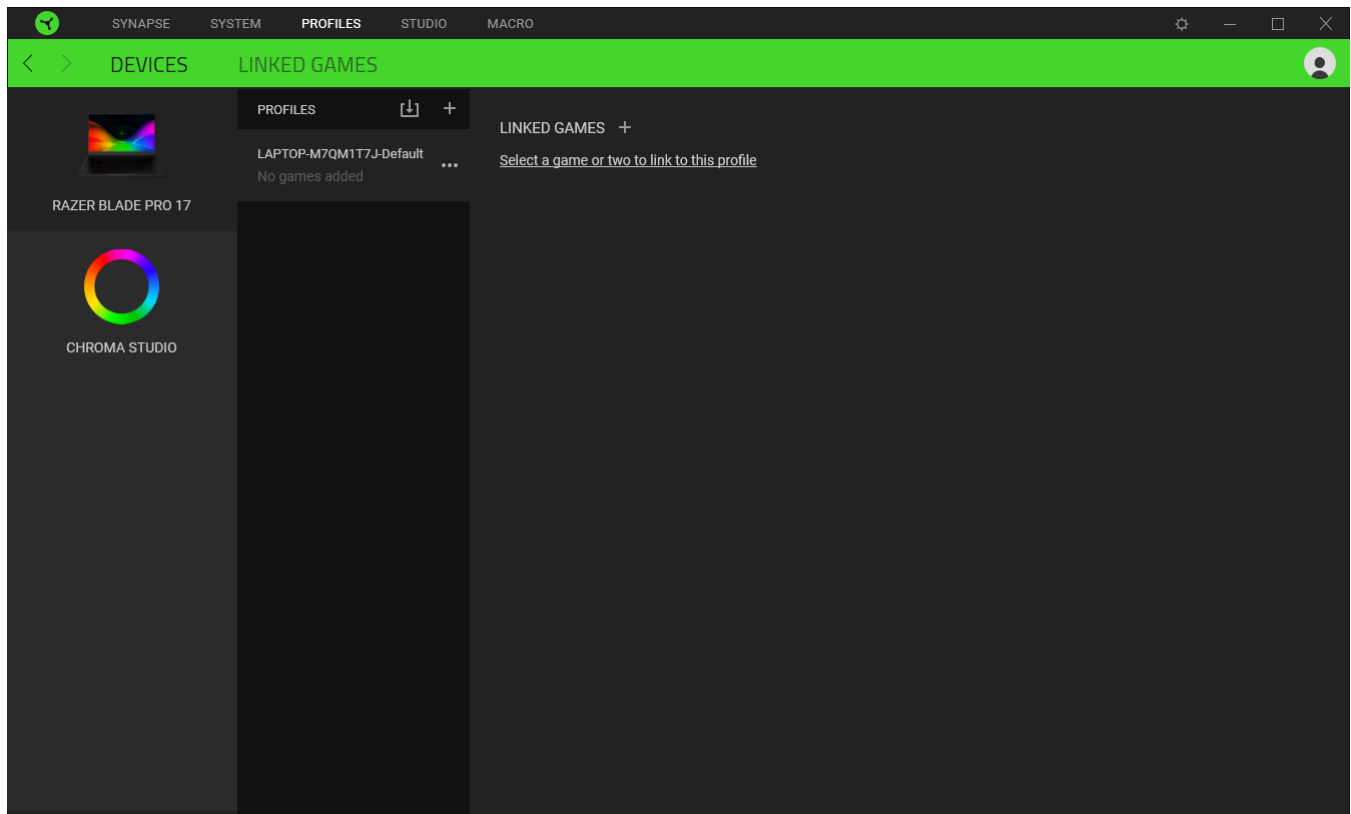
Change the number of times per second an image is updated on the screen. The higher the value, the smoother a moving image will look.




## PROFILES TAB

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

### Devices

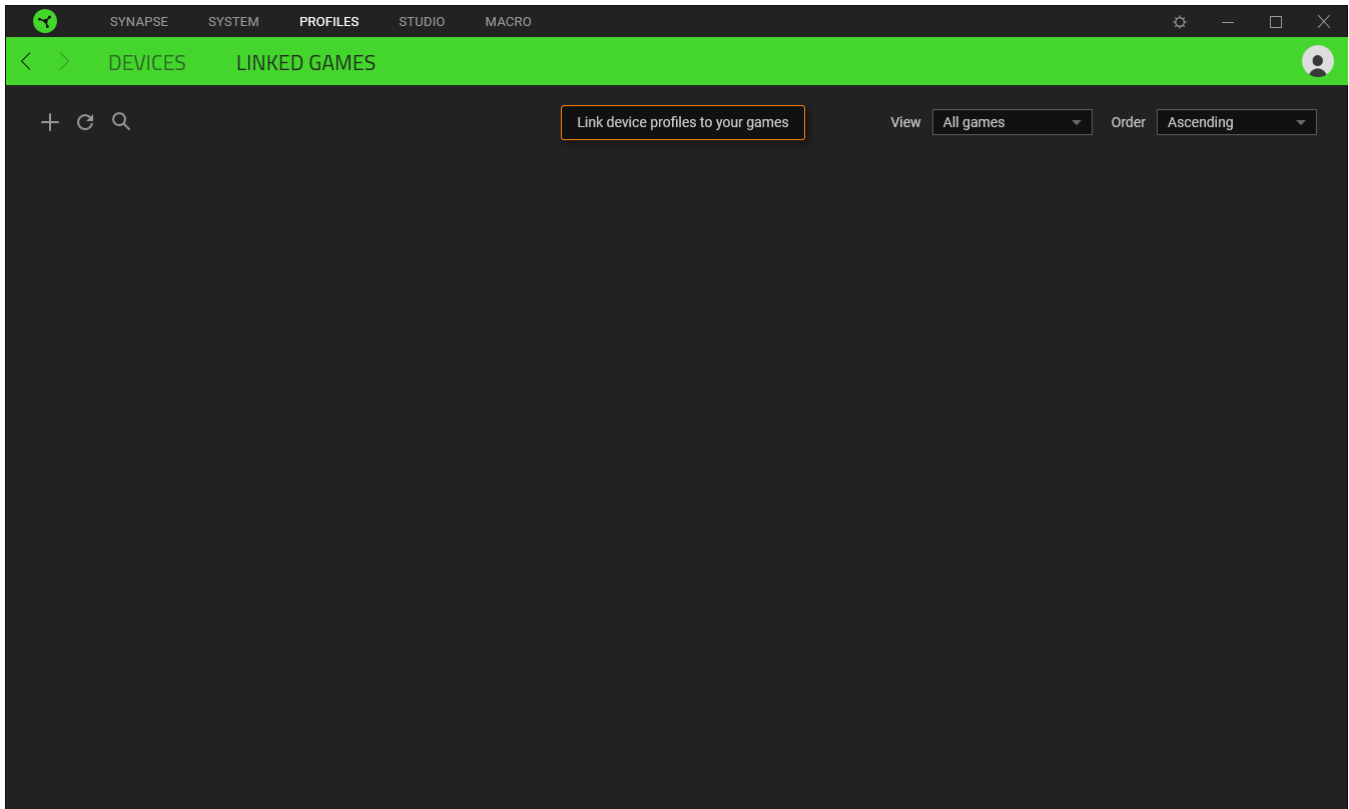
View which games are linked to each device's profiles or which Chroma Effect is linked to specific games using the Devices subtab.



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

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.

 *A separate master guide has been provided for the Chroma Studio module. You may view this module's Master Guide from Settings > General.*

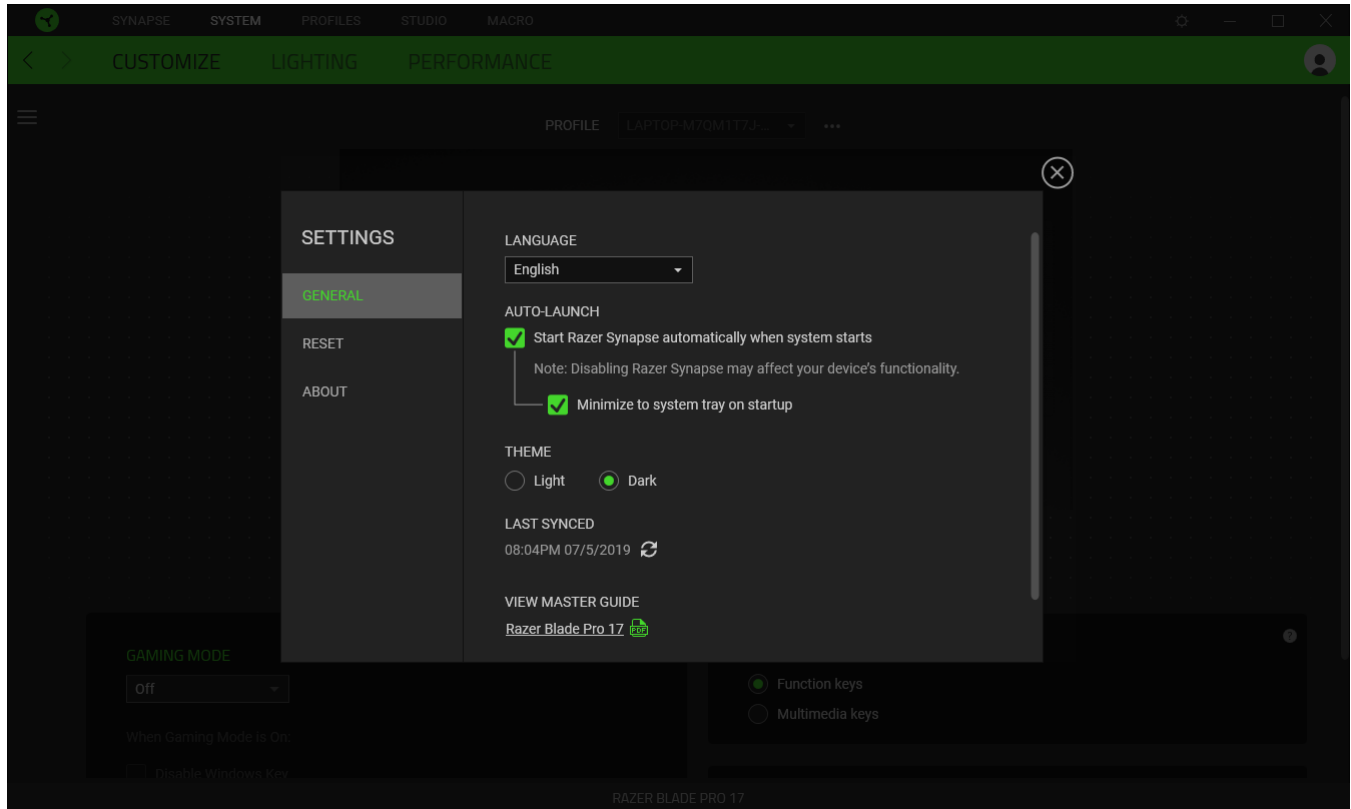
## MACROS TAB

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.

 *A separate master guide has been provided for the Macros module. You may view this module's Master Guide from Settings > General.*

## 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.

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## 6. SAFETY AND MAINTENANCE

### SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Blade Pro 17, 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](https://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 Pro 17.

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 Pro 17 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 Pro 17 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 Pro 17 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.

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## 7. LEGALESE

### **COPYRIGHT AND INTELLECTUAL PROPERTY INFORMATION**

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Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and/or other countries.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

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### **LIMITED PRODUCT WARRANTY**

For the latest and current terms of the Limited Product Warranty, please visit [razer.com/warranty](https://www.razer.com/warranty).

### **LIMITATION OF LIABILITY**

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.