



RAZER CORTEX

ONLINE MASTER GUIDE

Welcome to Razer Cortex, the nerve center of your entire gaming experience. From effortlessly finding the best deals on your games, launching and boosting them for peak PC performance, to giving you flexible gameplay recording capabilities. Razer Cortex is the one solution for all your PC gaming needs which gives you the best gaming experience possible.

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1. SYSTEM REQUIREMENTS

SYSTEM REQUIREMENTS

- Windows® 7 (or higher)
- Internet connection
- At least 250MB of free hard disk space

2. RAZER CORTEX SETUP

INSTALLATION

Razer Cortex is a software package that can be downloaded and installed into your PC.

1. Visit razerzone.com/cortex to download the latest version of the Razer Cortex installer.
2. Launch the downloaded installer.
3. Follow the on-screen instructions to complete the installation.
4. Click Done once the installation completes and restart your computer when prompted.

UNINSTALLATION

If you have a previously installed version of Razer Cortex or if you wish to completely uninstall Razer Cortex:

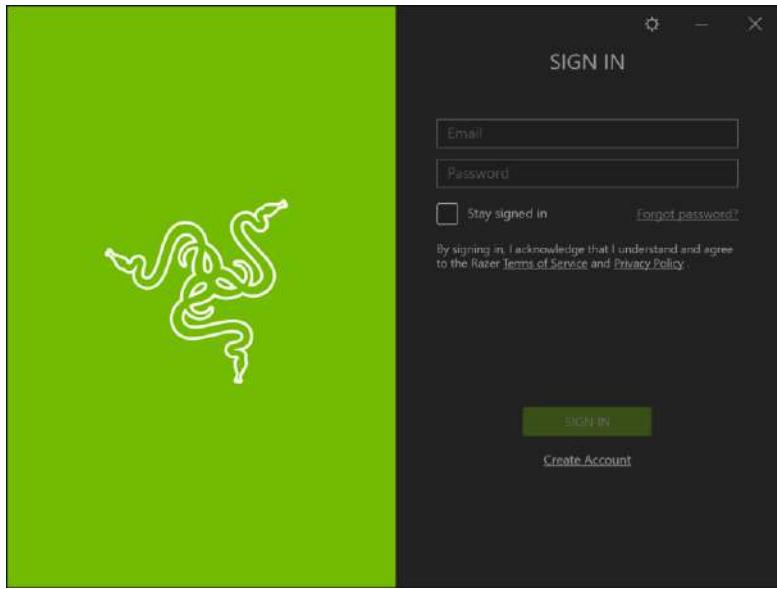
1. On your PC, open the Control Panel, then go to Programs and Features.
2. Right click Razer Cortex in the list, then select Uninstall.
3. Follow the on-screen instructions to complete the uninstallation.

3. ACCOUNT MANAGEMENT

SIGNING IN

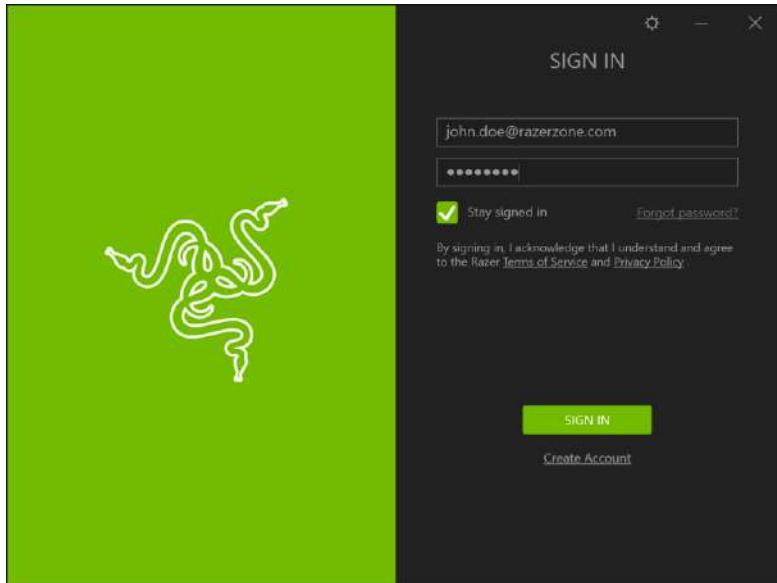
If you already have a Razer ID, you can sign in directly by doing the following:

1. Launch Razer Cortex to open the Razer SIGN IN page.



2. Enter your Razer ID's email address and its password, then click SIGN IN.

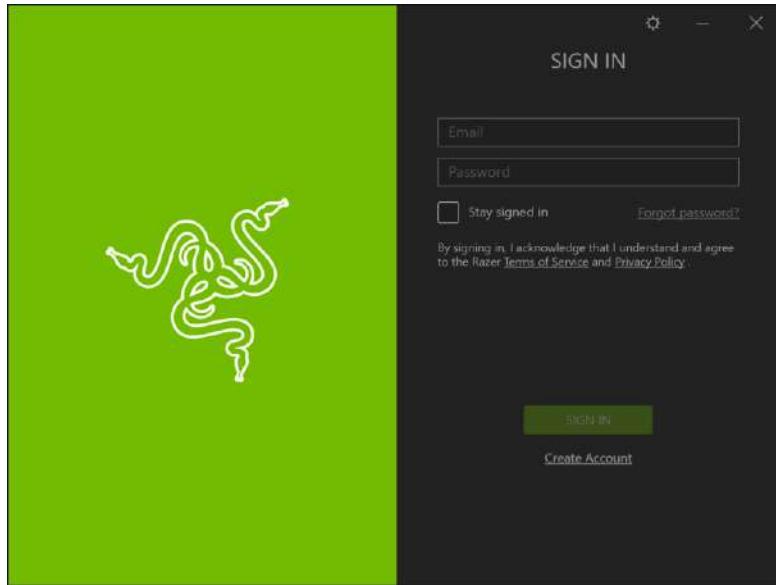
i Note: You should only select 'Stay signed in' if you want to have your Razer ID automatically signed in each time you launch the software.



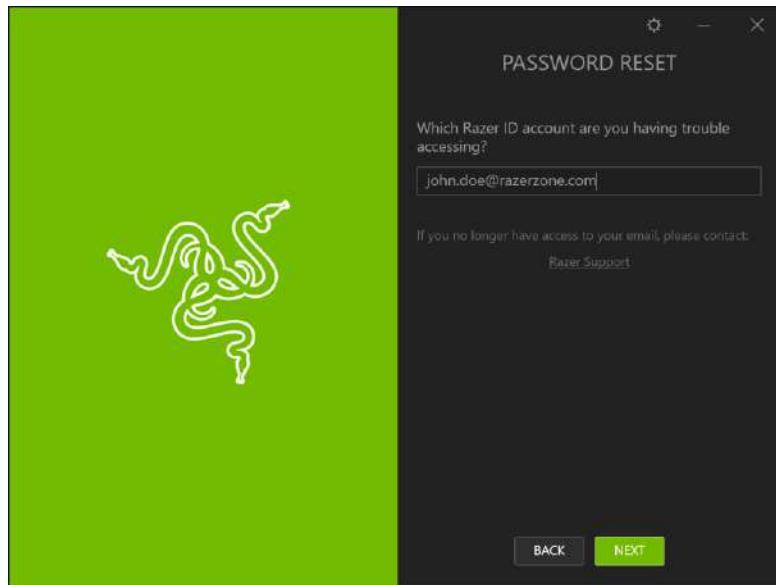
RETRIEVING FORGOTTEN PASSWORDS

If you have forgotten your Razer ID password, you can easily retrieve your password by doing the following:

1. On the Razer SIGN IN page, click Forgot Password?. You would be redirected to the PASSWORD RESET page.

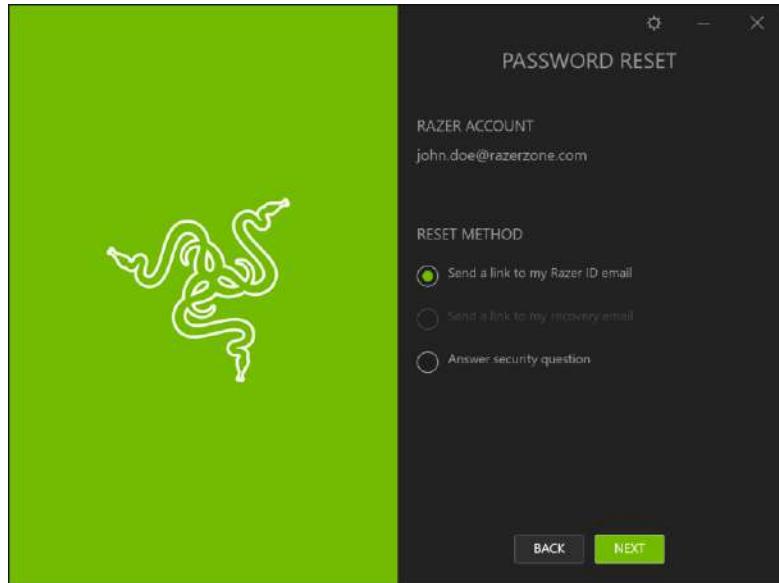


2. Enter your Razer ID email on the field provided, then click NEXT.

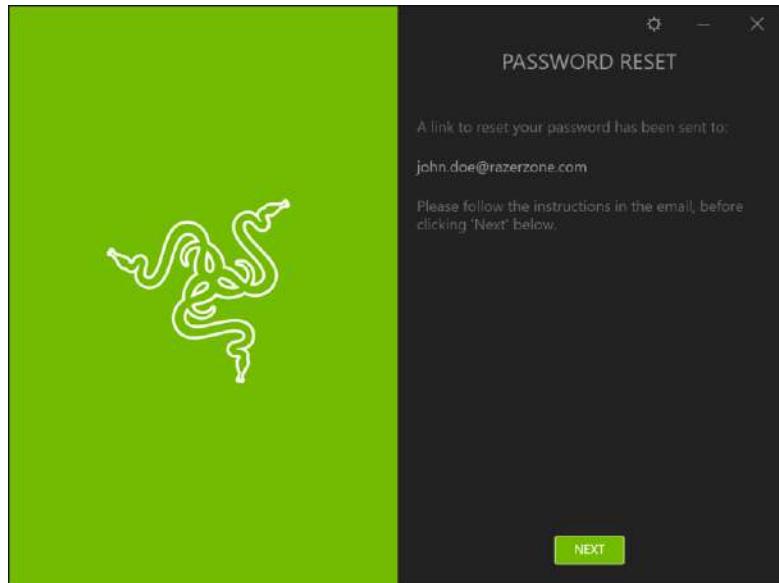


3. Select Send a link to my Razer ID email, then click NEXT.

i Note: You may only select the 'Send a link to my recovery email' or 'Answer a security question' option if you have previously configured these settings on your account.

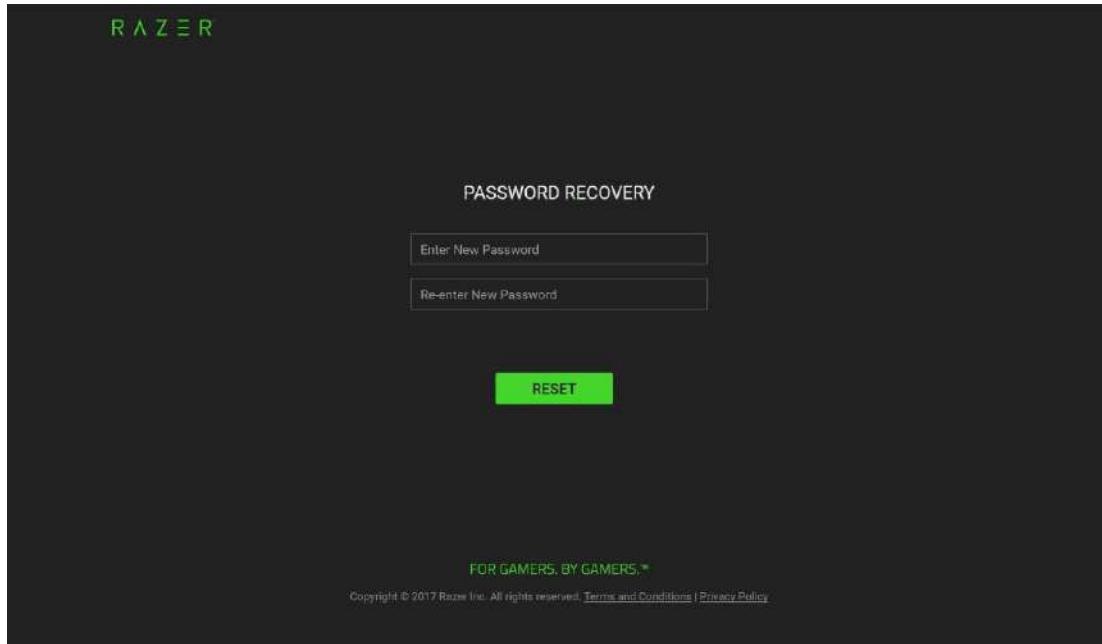


A password reset confirmation will be sent to your email.



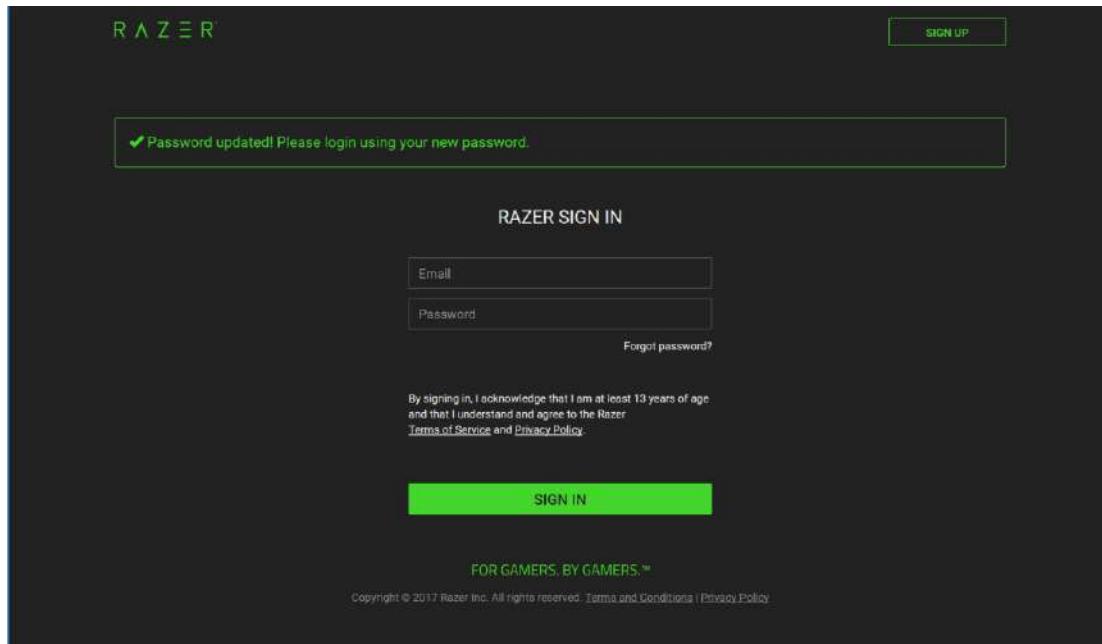
4. Check your email inbox for the email verification from Razer and click the provided link.

5. Your web browser will navigate to the PASSWORD RECOVERY page. Enter your NEW PASSWORD, retype it to confirm, then click RESET.



The screenshot shows the Razer Password Recovery page. At the top left is the Razer logo. The main title 'PASSWORD RECOVERY' is centered above two input fields: 'Enter New Password' and 'Re-enter New Password'. Below these is a green 'RESET' button. At the bottom of the page is a footer with the text 'FOR GAMERS. BY GAMERS.™' and 'Copyright © 2017 Razer Inc. All rights reserved. [Terms and Conditions](#) | [Privacy Policy](#)'.

You will be redirected to the sign in page with a confirmation that your password has been successfully updated.



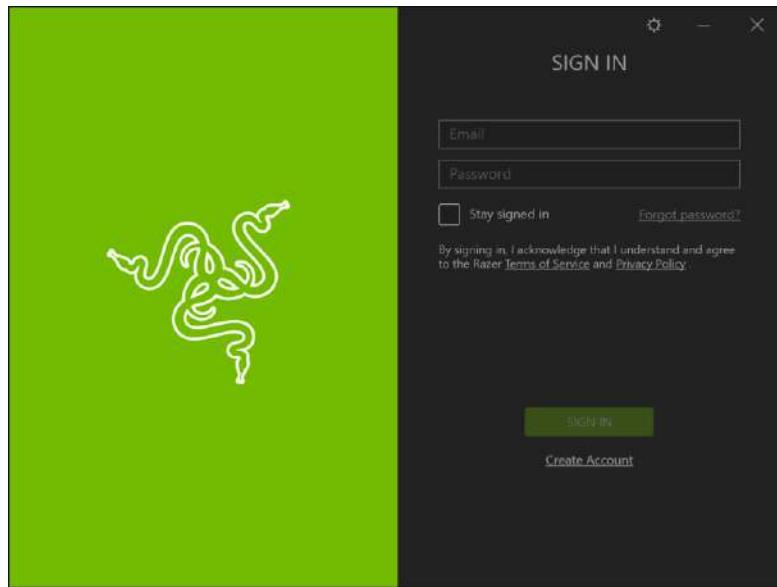
The screenshot shows the Razer SIGN IN page. At the top left is the Razer logo. On the right is a 'SIGN UP' button. A green message box at the top center contains the text '✓ Password updated! Please login using your new password.' Below this is the 'RAZER SIGN IN' title. There are two input fields for 'Email' and 'Password', and a 'Forgot password?' link. A small text block below the fields states: 'By signing in, I acknowledge that I am at least 13 years of age and that I understand and agree to the Razer [Terms of Service](#) and [Privacy Policy](#)'. At the bottom is a green 'SIGN IN' button. The footer is identical to the previous page: 'FOR GAMERS. BY GAMERS.™' and 'Copyright © 2017 Razer Inc. All rights reserved. [Terms and Conditions](#) | [Privacy Policy](#)'.

6. Return to the Razer SIGN IN page and click NEXT to proceed with the password reset.
7. You may now sign in your Razer ID using the new password.

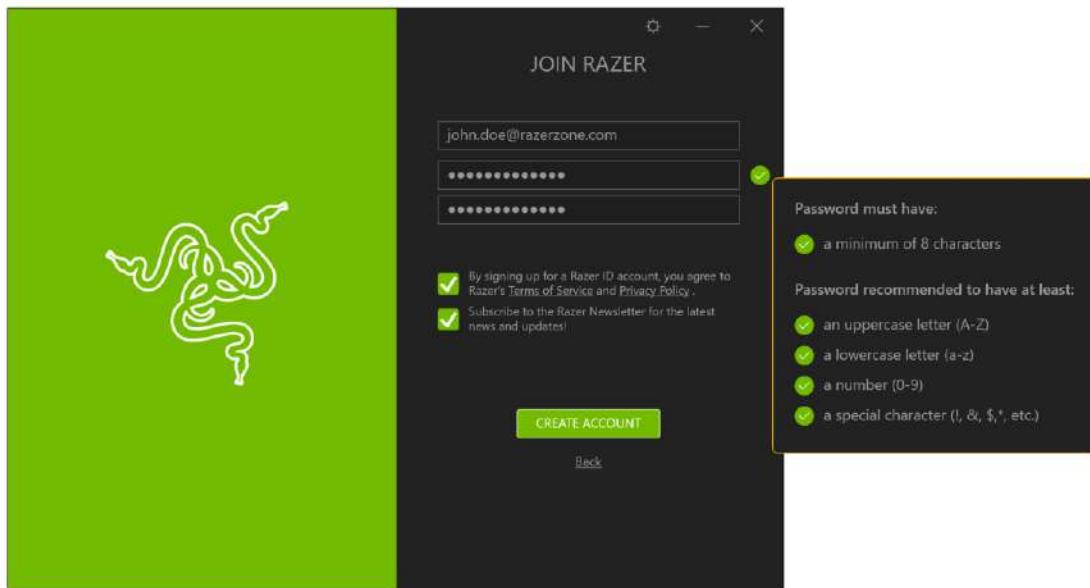
CREATING A RAZER ID ACCOUNT

If you haven't registered for a Razer ID yet, you can also use the Razer SIGN IN page to create a Razer ID account.

1. On the Razer SIGN IN page, click Create Account.



2. Enter a valid Email address and Password, then re-enter your Password for confirmation.



3. Click the TERMS OF SERVICE and PRIVACY POLICY links to read the terms of usage, then click its corresponding checkbox to agree to be bound by these terms.

i Note: You may also opt to subscribe to the Razer newsletter by clicking the Subscribe to the Razer Newsletter for the latest news and updates! checkbox.

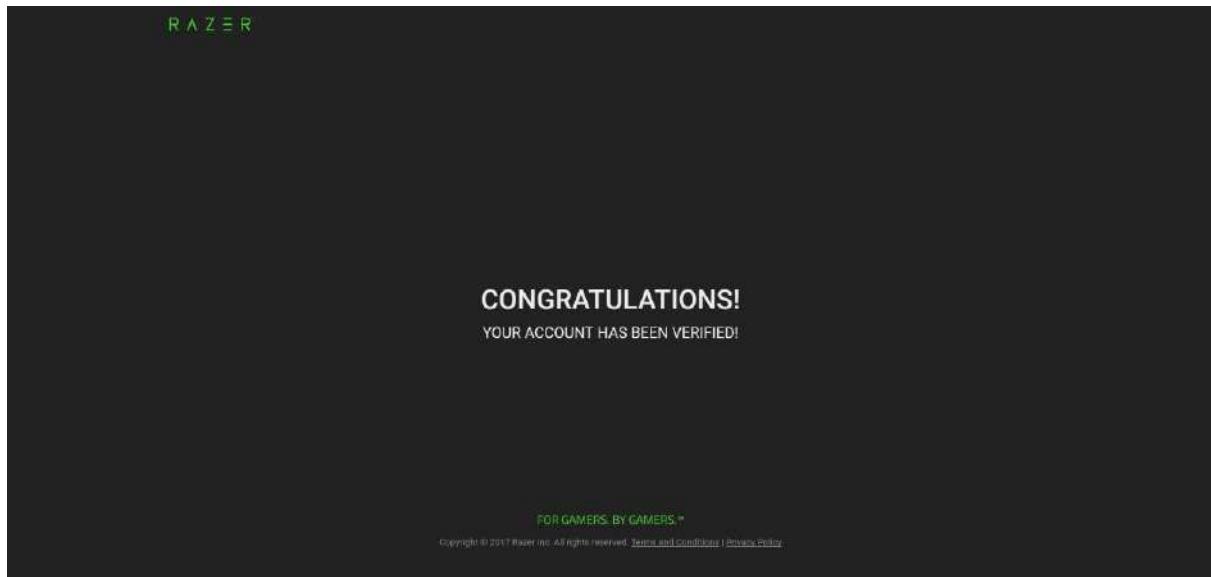
4. Click CREATE ACCOUNT.

i Note: If the CREATE ACCOUNT button remains unclickable, please make sure that the password requirements have been fulfilled, the password has been re-entered correctly, *and/or that you have agreed to the Razer's Terms of Service and Privacy Policy.*

5. Check your email inbox for an account verification email from Razer.

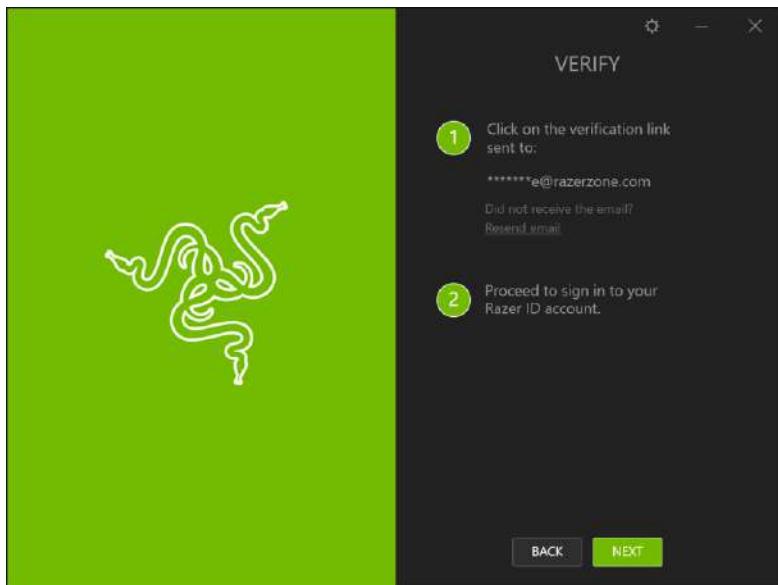
i Note: If you did not receive any email, click the resend email link to resend the account verification email again.

6. Verify your Razer ID account by clicking on the link provided in the email. A success screen will be displayed indicating that your email has been verified.



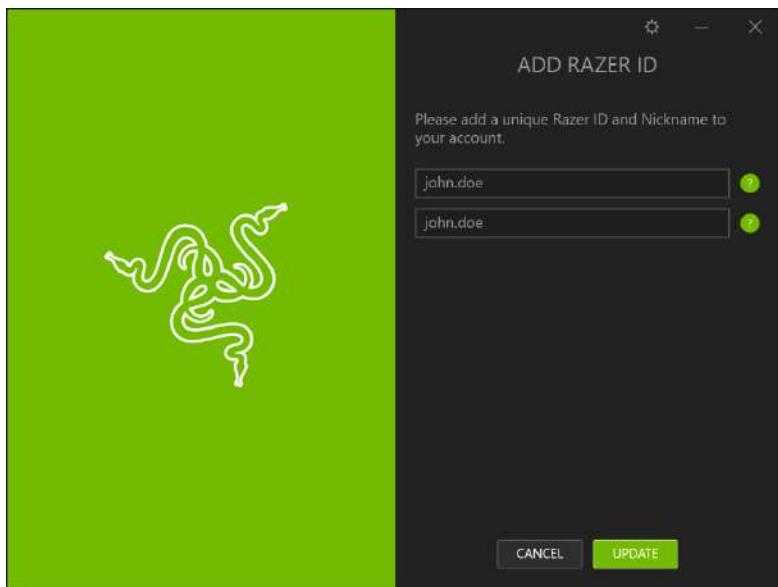
7. Return to the Razer SIGN IN page and click NEXT to proceed with the sign in.

i Note: *If you haven't verified your email address yet, you would not be allowed to proceed with the setup. The SIGN IN page would prompt you to verify your account first.*



8. Enter your preferred Razer ID and Razer Nickname, then click UPDATE.

i Note: You can assign a different Razer Nickname to your Razer ID.



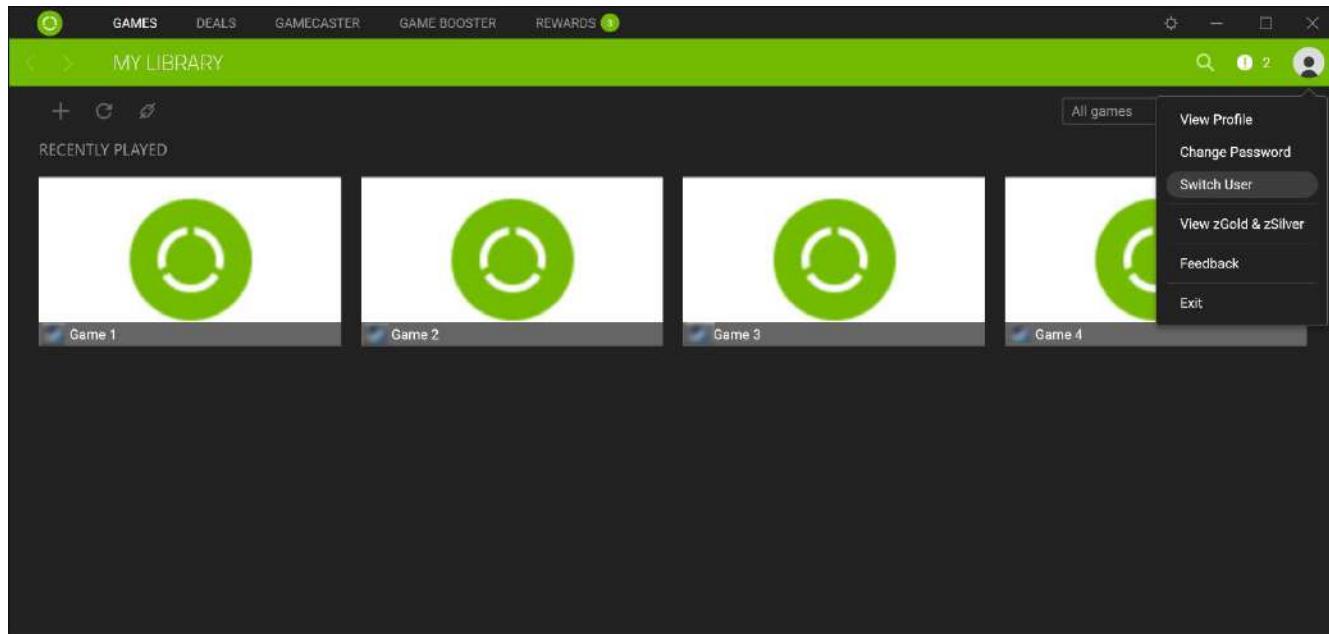
9. You may now start using Razer Cortex.

SWITCHING USER ACCOUNTS / SIGNING OUT

Before everything else, it is important to take note that closing the Razer Cortex window will only close Razer Cortex. It will not automatically sign out your Razer ID. A Razer app will still run in background and can still be seen in the system tray through the  icon.

To sign out or switch to a different Razer ID, click your avatar on the Razer Cortex window, then click Switch User.

 Note: You may proceed to the [Razer Central](#) section of this user manual to know more about the functions of the system tray icon.



However, if you have already closed the Razer Cortex window, simply right click on the  icon from the system tray, then click Switch User.

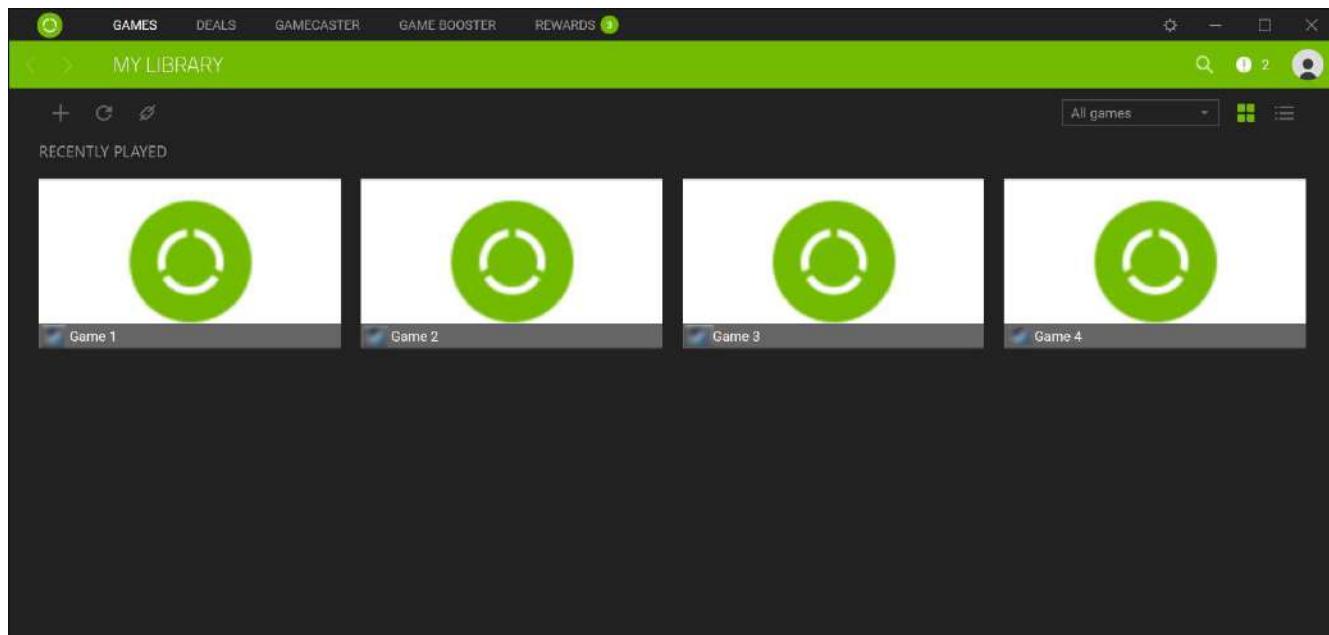


Any of the provided options will sign out your Razer ID and will display the SIGN IN page again on-screen.

4. GENERAL SETTINGS

UNDERSTANDING THE USER INTERFACE

By default, Razer Cortex displays the GAMES > MY LIBRARY tab when launched. Use the tabs (GAMES, DEALS, GAMECASTER, GAME BOOSTER, AND REWARDS) and each tab's corresponding subtabs to access the various functions Razer Cortex has to offer.



To navigate between previously visited pages, utilize the or buttons. You may also search for existing games or deals through the Search icon.

The Notifications icon indicates the number of notifications or Razer promotions currently available. Use this icon to view and access the latest notifications and Razer promotions.

Clicking on your avatar allows you to access your profile, change your account password, sign out your account, view your Razer zGold and zSilver, feedback or shut down Razer Cortex.

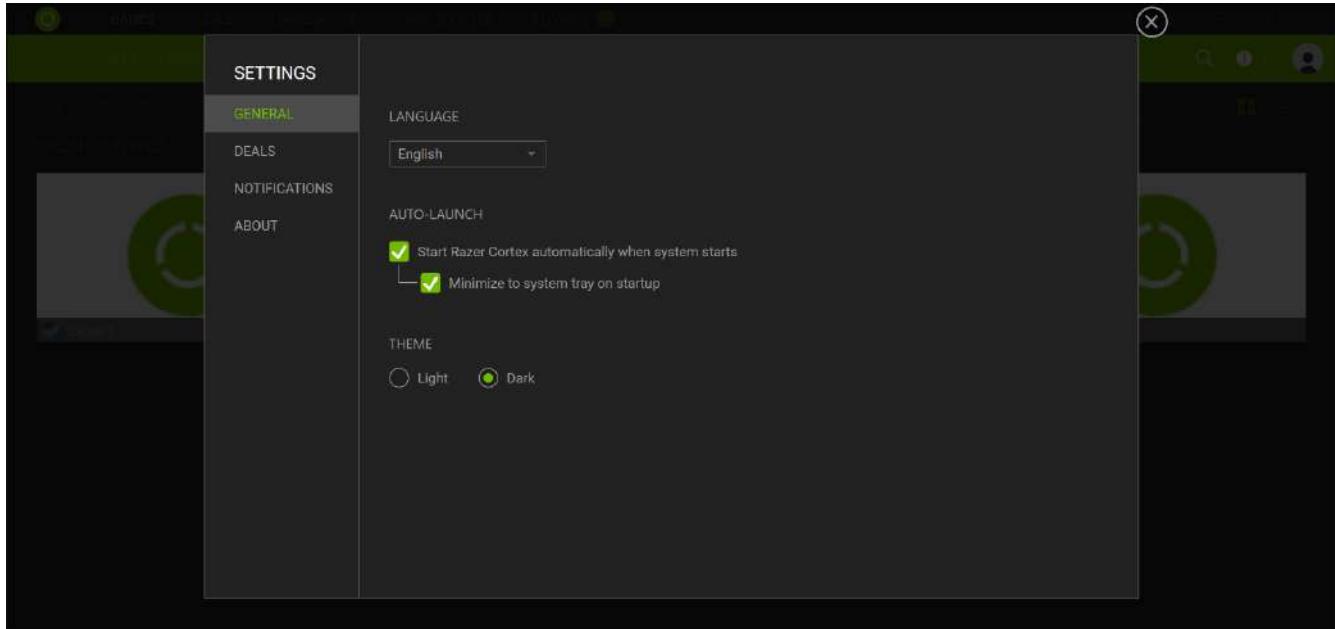
Use the provided drop-down lists below your avatar to arrange any shown games and/or deals according to your preferred category. These drop-down lists, however, vary from each tab.

You may also use the or icons to arrange the lists according to your preferred view.

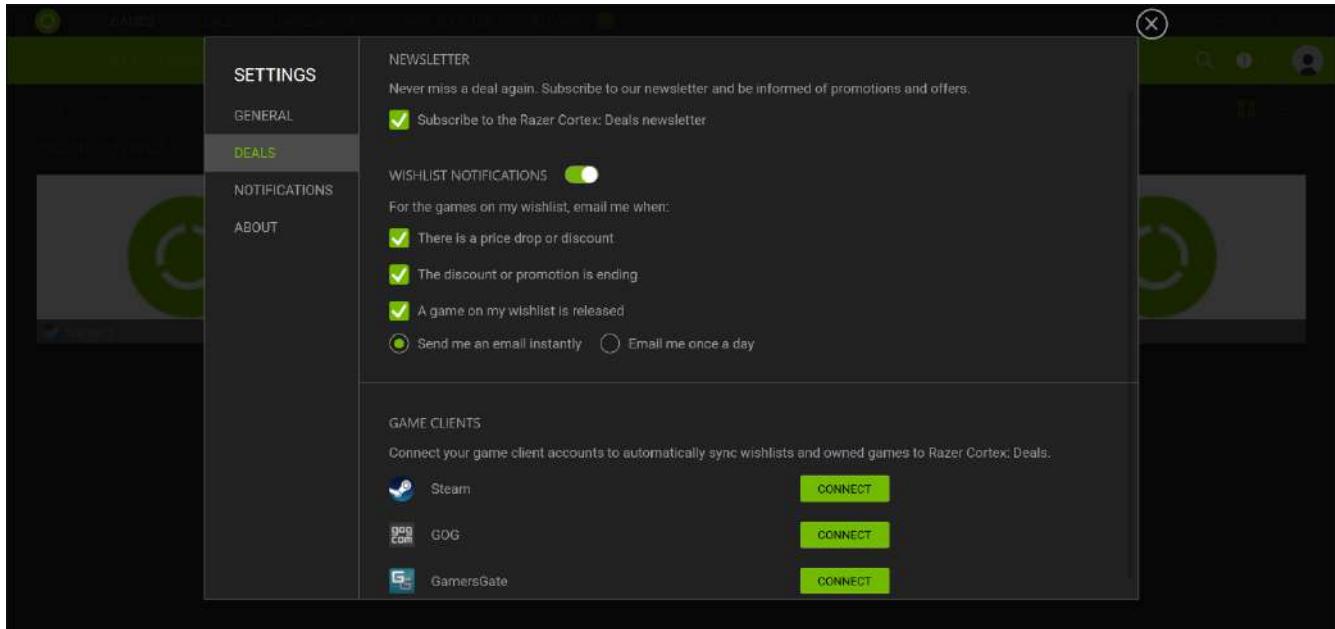
SETTINGS

Click the  icon to modify various settings that will help you manage Razer Cortex's behavior.

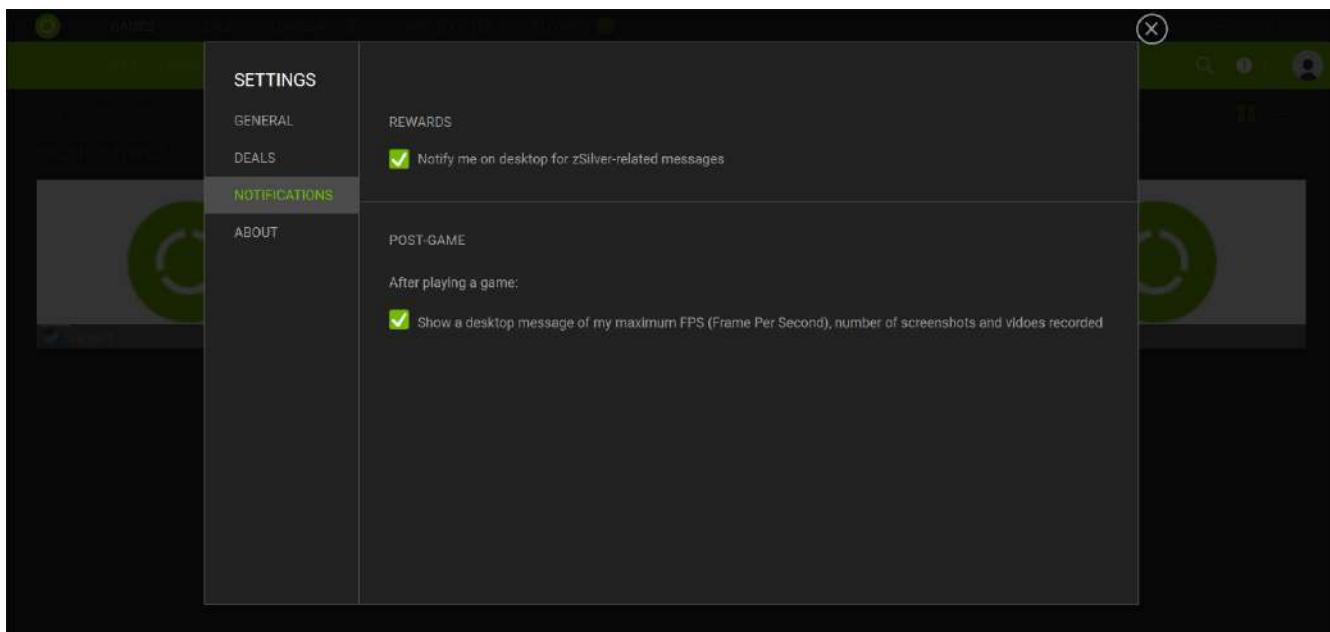
Use the GENERAL tab to change Razer Cortex's display language, determine its startup behavior, or change its color theme.



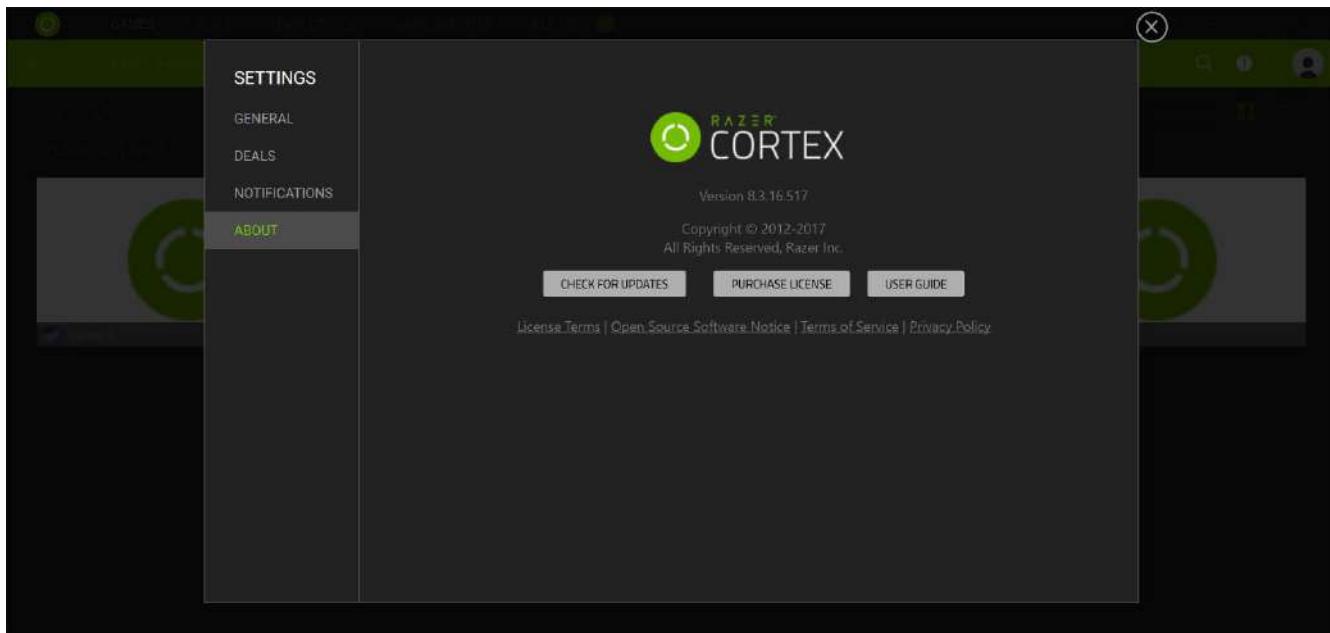
Use the DEALS tab to opt-in to Razer Cortex: Deals newsletter if you haven't subscribed to it yet, and even manage wishlist notifications and game client account connectivity.



The NOTIFICATIONS tab allows you to manage zSilver rewards and post-game notifications.



The ABOUT tab displays Razer Cortex's brief software information and links to its copyright statement. You may also use this tab to check for software updates, purchase a software license, or view the user guide.

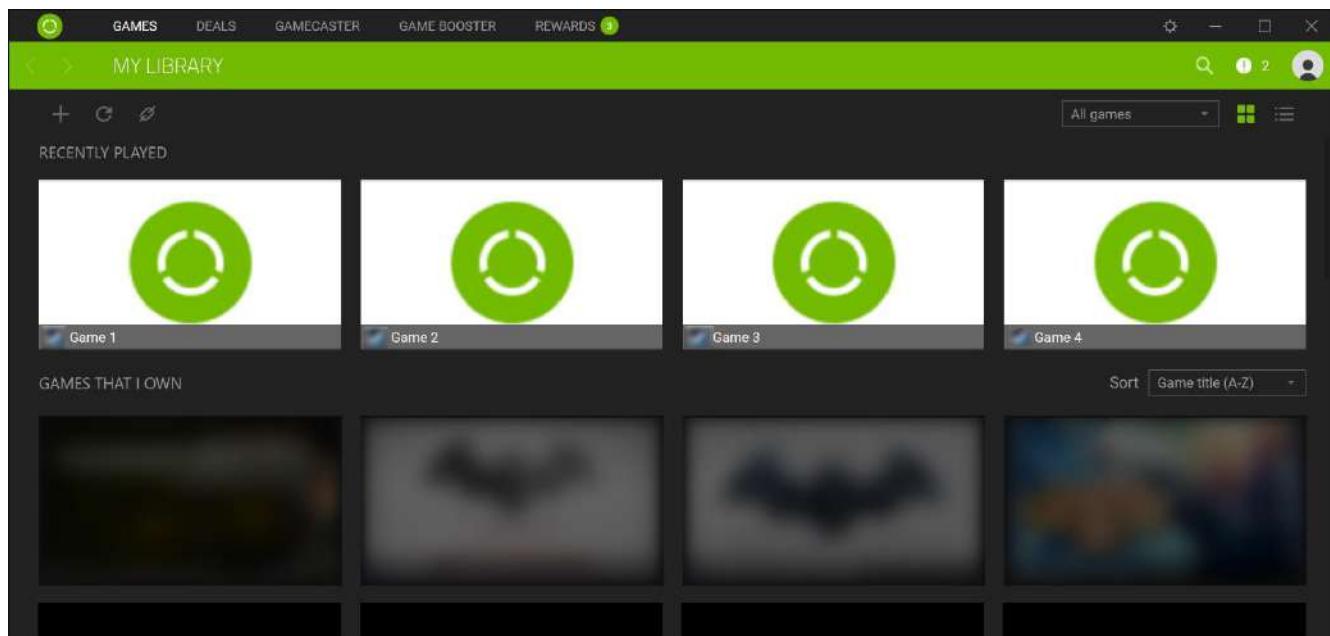


5. RAZER CORTEX: GAMES

When Razer Cortex is installed and launched for the first time, it automatically scans your PC for any installed game it can recognize.

MY LIBRARY

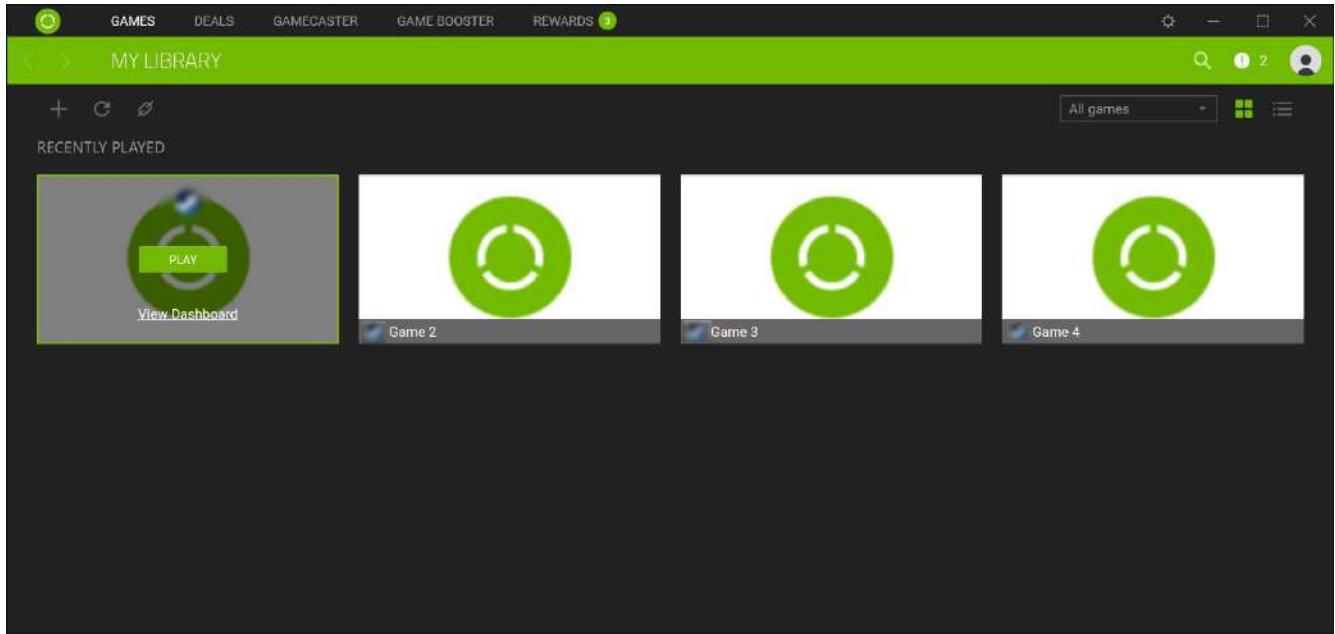
The MY LIBRARY tab displays a list of both automatically detected and manually added games installed in your PC. This includes all game titles marked as 'I already own this game' under DEALS, and game titles from synced game clients.



i Note: If you have synced your game clients and/or if you have marked games under DEALS as owned, click the refresh  icon to refresh the listed games.

LAUNCHING A GAME

Select a game from the list, then click PLAY.



Razer Cortex will then perform the following operations:

1. Launch your game.
2. Toggle Game Booster ON if it was configured to automatically turn ON when a game starts under GAME BOOSTER > CONFIGURE (BOOST).
3. Activate Game Desktop if the option is selected on GAME BOOSTER > Configure (BOOST) > OTHERS.

SEARCHING FOR A GAME OR DEAL

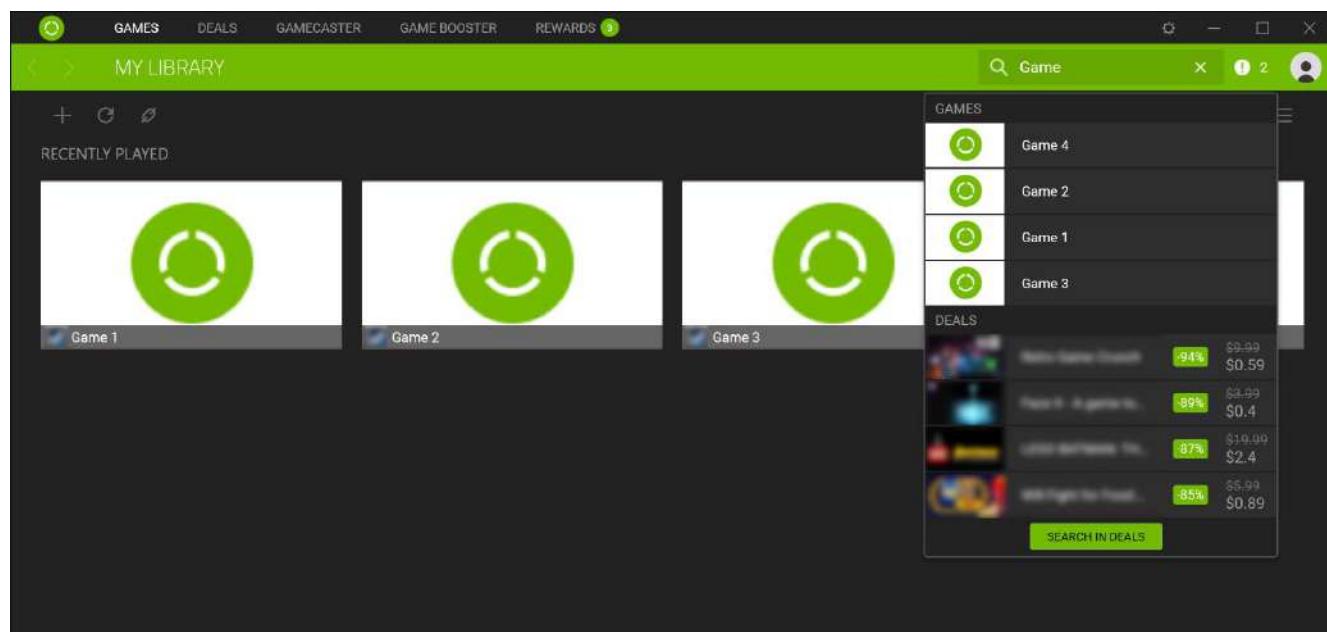
A search function helps you locate a game you wish to play or a deal that you want to see.

1. From the GAMES tab, click the  icon.

2. Enter a search phrase on the field provided.

A list of all games and deals matching this phrase will be displayed on the drop-down list.

3. Select the game that you want to play or the deal that you want to see from the drop-down list.



ADDING INSTALLED GAMES TO THE LIST – AUTOMATIC SYSTEM SCAN

From the GAMES tab, click . Razer Cortex will automatically start scanning your system for recognized games and add them to your game library. All games found by Razer Cortex through system scan will be automatically added to your library.

 Note: The automatic system scan will only add games recognized by Razer Cortex.

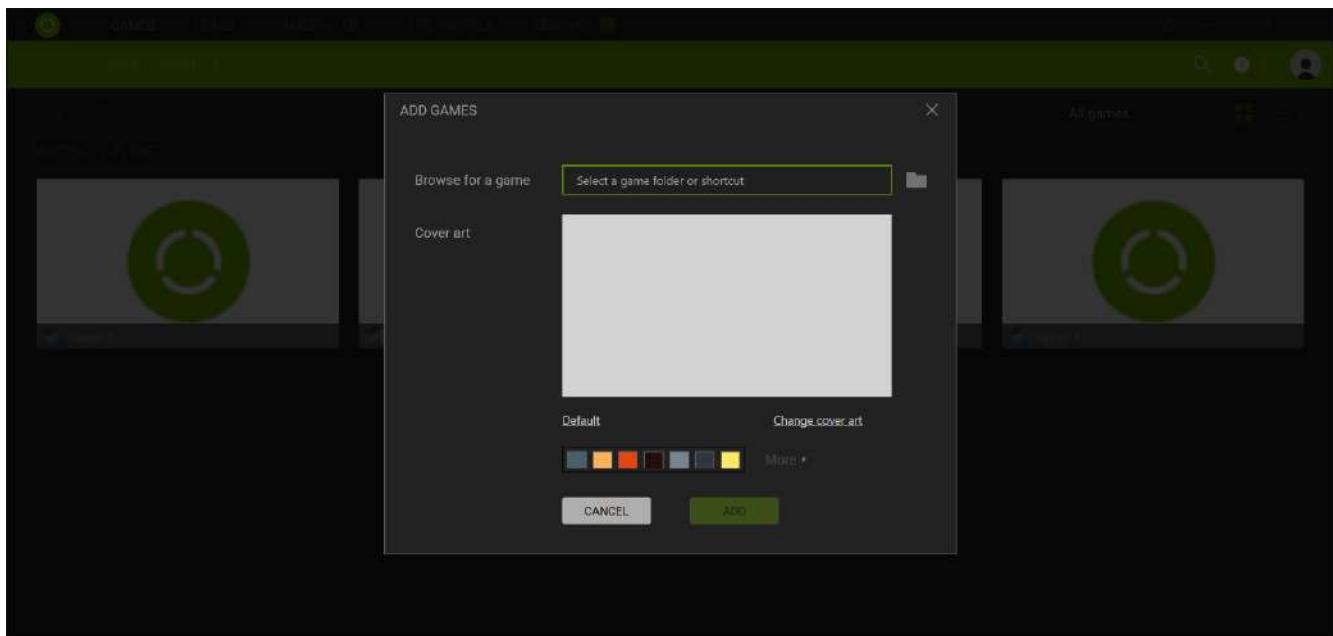
ADDING INSTALLED GAMES TO THE LIST – MANUAL SELECTION

If an installed game in your PC was not included in Razer Cortex's library, you can still manually add your games through the Add  icon.

1. On the MY LIBRARY tab, click the Add  icon.
2. Click  and locate the game that you want to add.

Optional: Once you have manually located the game, you can also personalize the look of its game launcher through the 'Change cover art' link. You can either select your own cover art or select from any of the available background colors.

3. Click ADD to include the game to your library.

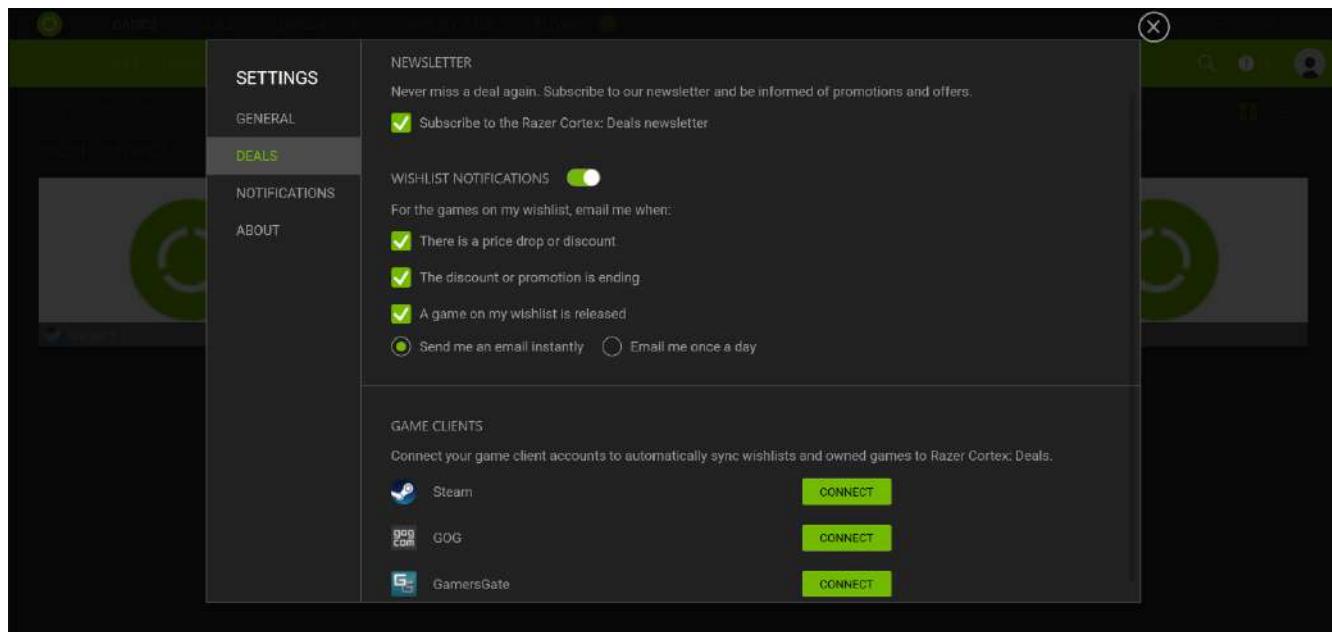


ADDING OWNED GAMES TO THE LIST – SYNC GAME CLIENTS

If you want to sync Razer Cortex with other games and wishlists from your game clients, simply do the following:

1. Click  to open the SETTINGS > DEALS tab.
2. Select the game client that you want to sync Razer Cortex with, then click the **game client's** corresponding CONNECT button.
3. Enter the required credentials **for your game client's account**. Once linked, Razer Cortex will automatically add **your game client's library** to the MY LIBRARY list. These will be put under the Games that you own category.

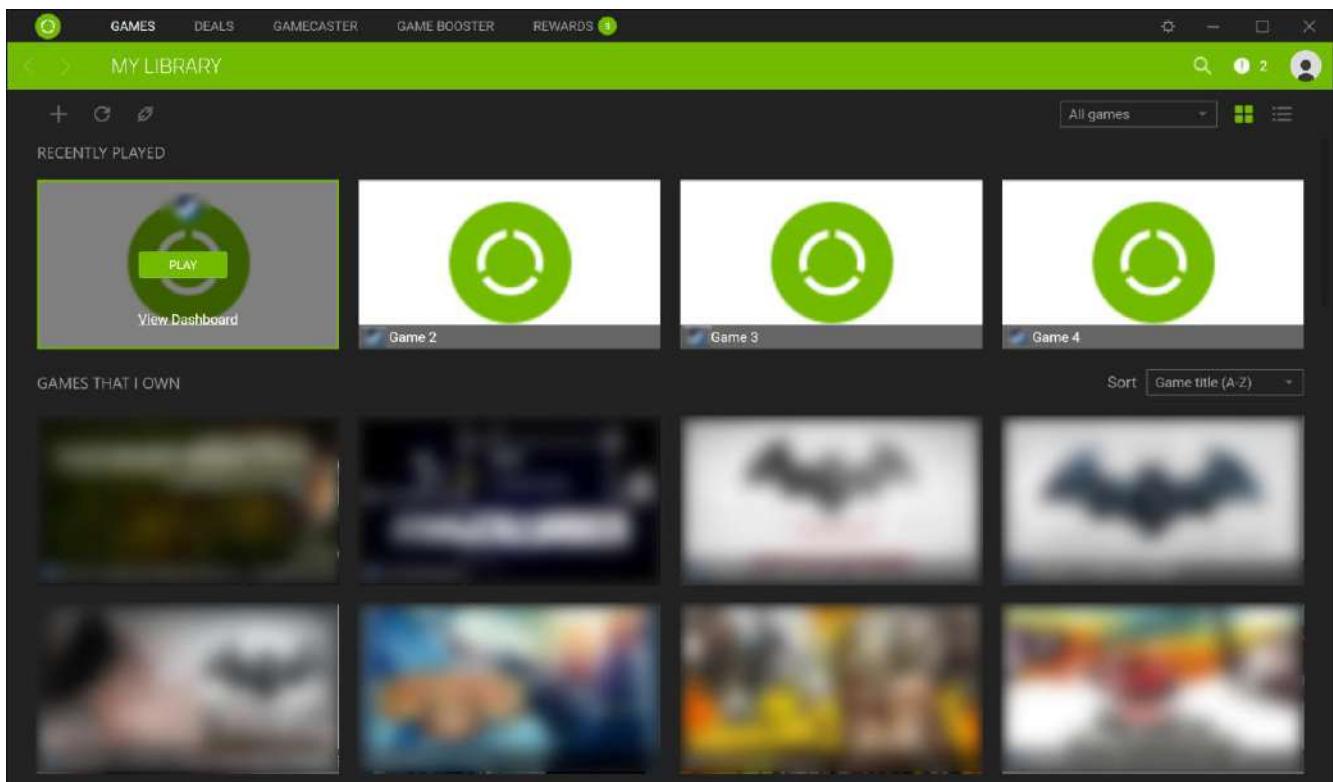
 Note: Wishlisted games found in your game client will also be added to Razer Cortex's WISHLIST *if you have set your game client's profile to public*.



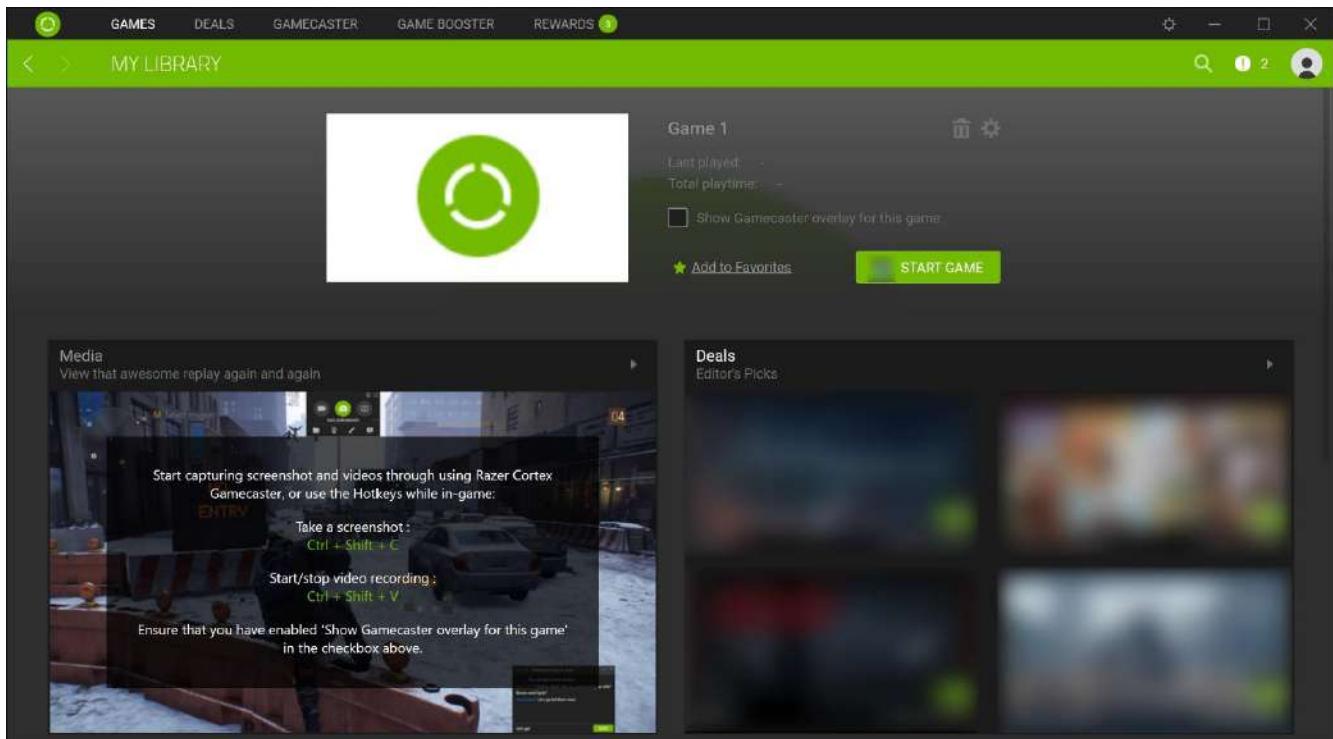
To unlink a connected game client, go to SETTINGS >DEALS then click the connected game client's corresponding  icon.

SETTING UP GAME PREFERENCES

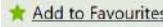
You can configure preferences for each game individually. From the MY LIBRARY tab, select the game you wish to modify, then click its corresponding View dashboard link.



You will be redirected to the selected game's dashboard.

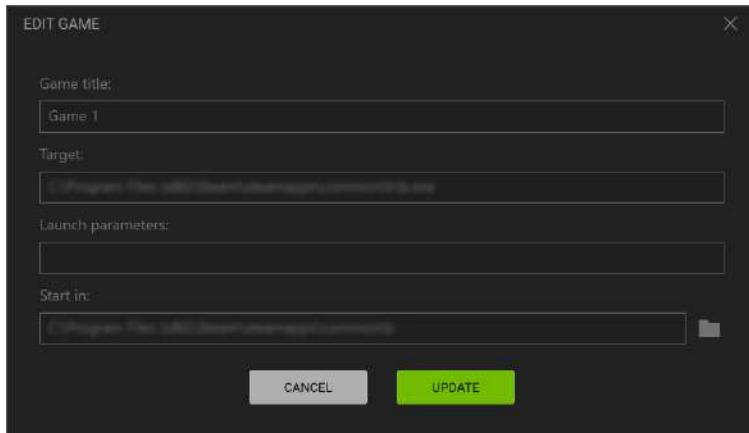


Here you can do any of the following:

- Click the game photo to **change the image of the game's cover art**.
-  - Launch the game.
-  - Add or remove a game to or from the Favorite list.
-  - **Edit or customize a game's settings**.
-  - Remove the game from the library.
-  **Show Gamecaster overlay for this game** - Enable Razer Cortex: Gamecaster overlay while playing. Enabling this feature will allow Razer Gamecaster to generate the **selected game's graphics frame rate activity** on the FPS Chart after playing the selected game.
- Media – View Razer Gamecaster screenshots and recordings.
- FPS Chart - View **the selected game's graphic's frame rate including basic information of your system**.

EDITING GAME SETTINGS

Clicking on the  icon of the selected game allows you to modify a selected game further.

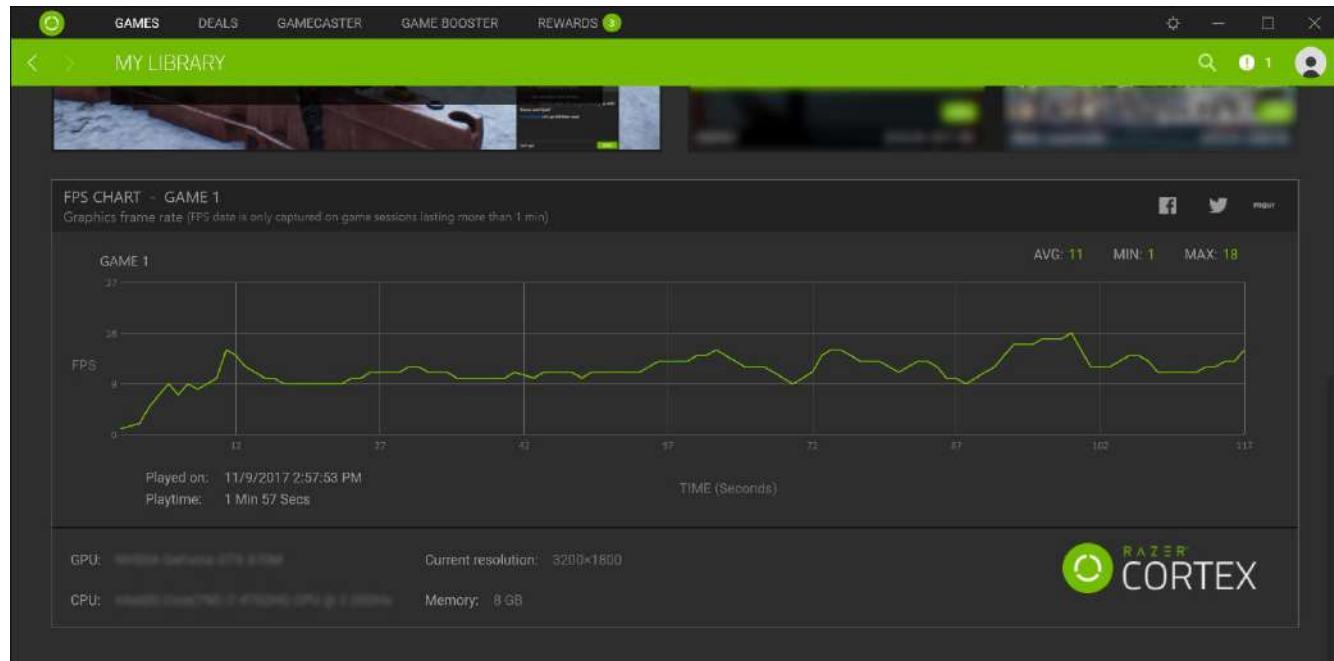


Through the  icon, you can easily modify any of the selected game's properties:

- The display name to be shown on MY LIBRARY tab.
- The target location of your **game's executable file**.
- Optional launch parameters to be automatically applied when launching the game.
- The directory your game will run in, changeable through the  icon.

VIEWING THE FPS CHART

Scrolling down on a game's dashboard will reveal the FPS Chart.



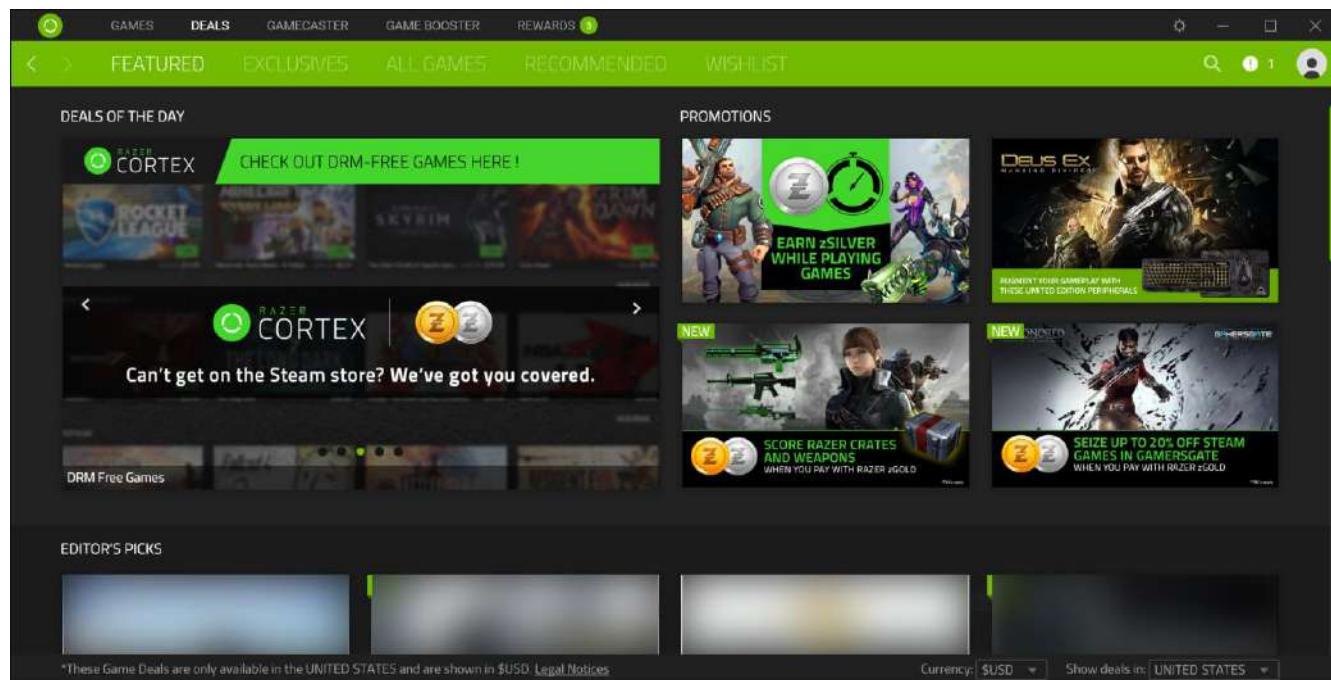
With the Show Gamecaster overlay for this game enabled, the FPS Chart will automatically generate **the selected game's graphics frame rate activity** after playing the selected game. You can share the game statistics to the community of your choice through [Facebook](#) [Twitter](#) [Imgur](#).

Clicking on the FPS Chart opens a separate window which will allow you to:

- Change the chart's background color and background transparency through .
- Save the chart in tabulated data (.CSV) or in graphic format (.PNG) through .

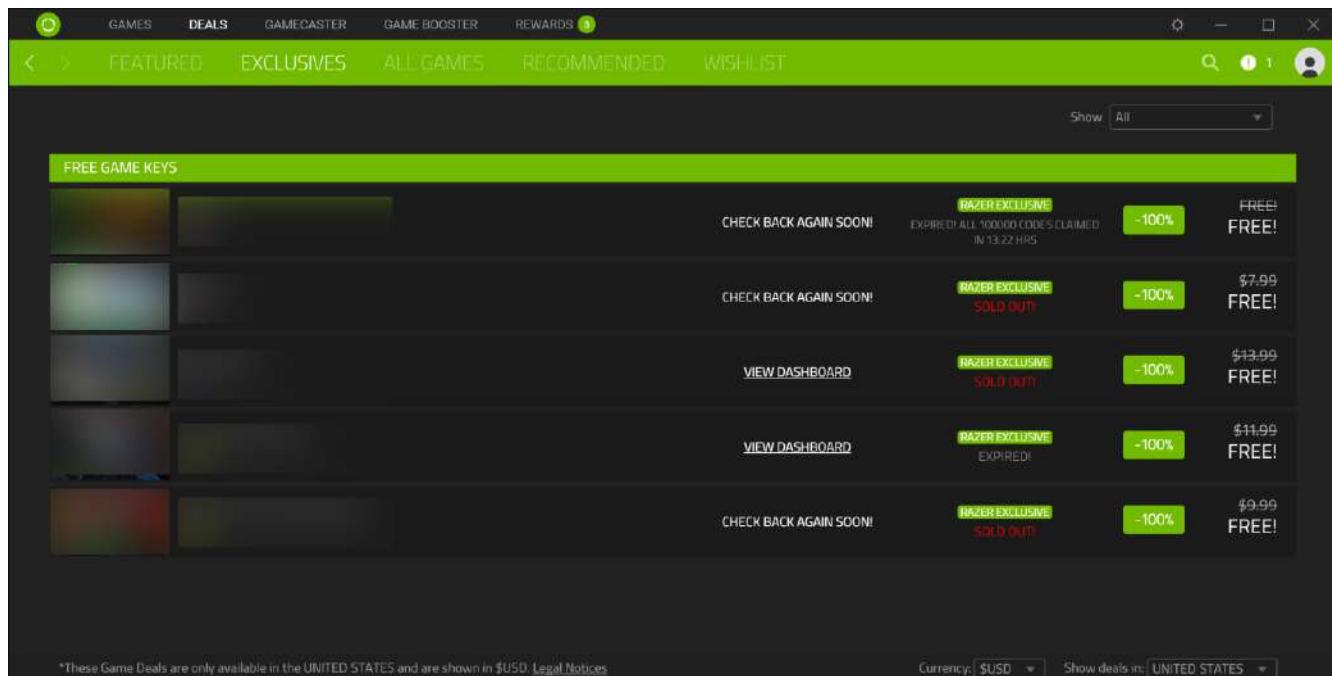
6. RAZER CORTEX: DEALS

Razer Cortex is a one of a kind software that allows you to search for amazing games at excellent prices. With Razer Cortex: Deals, you can flexibly find the best game deals, check out new releases, see what's popular, or choose from our highly esteemed editor's picks.



You can view the available deals by country and/or change the currency used in the deal display through the Show deals in and Currency drop-down lists located at the bottom of the Razer Cortex window.

Use EXCLUSIVES to view all past and ongoing Razer exclusive deals.



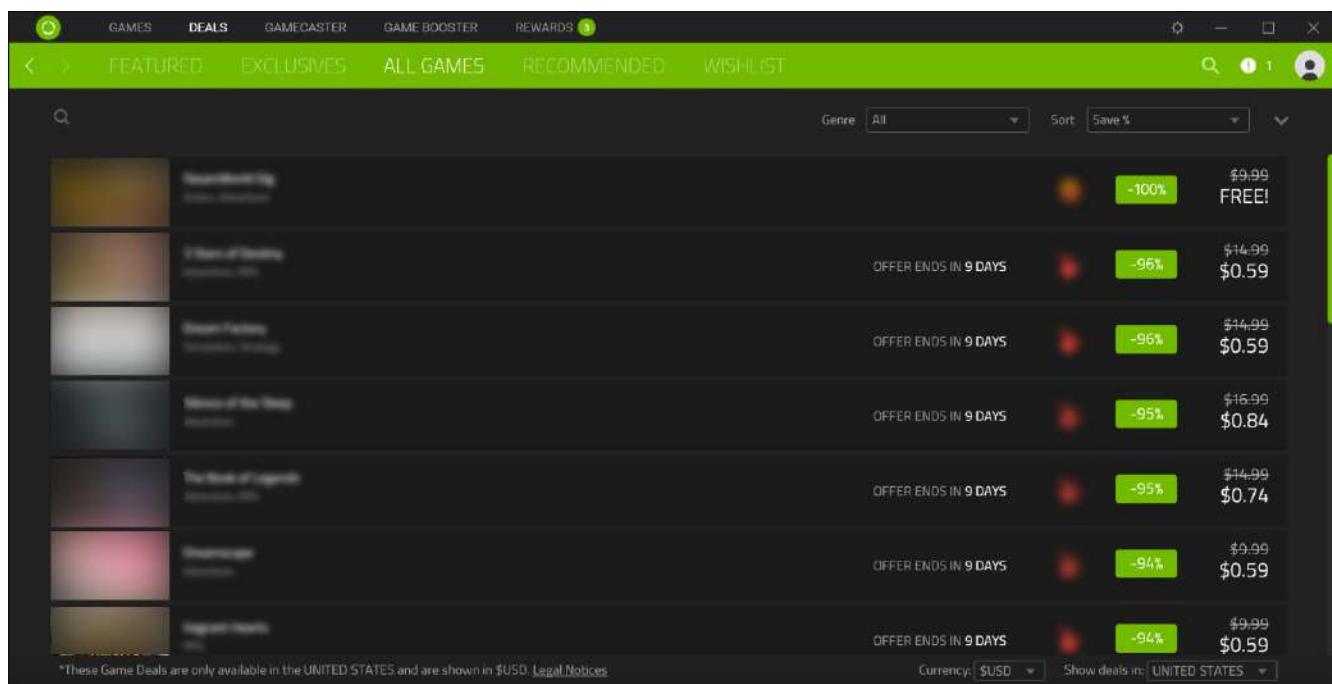
The screenshot shows the Razer deals website with the 'EXCLUSIVES' tab selected. The page displays a grid of 'FREE GAME KEYS' with various offers. The offers include:

- RAZER EXCLUSIVE: EXPIRED ALL 100000 CODES CLAIMED IN 13.22 HRS. -100% FREE!
- RAZER EXCLUSIVE: SOLD OUT! -100% \$7.99 FREE!
- VIEW DASHBOARD: RAZER EXCLUSIVE SOLD OUT! -100% \$13.99 FREE!
- VIEW DASHBOARD: RAZER EXCLUSIVE EXPIRED! -100% \$11.99 FREE!
- RAZER EXCLUSIVE: SOLD OUT! -100% \$9.99 FREE!

*These Game Deals are only available in the UNITED STATES and are shown in \$USD. Legal Notices.

Currency: \$USD Show deals in: UNITED STATES

Use ALL GAMES to search and browse all game deals and sort them out by discount, price, or title. You can also filter the deals based on genre, type, distributor, and availability.



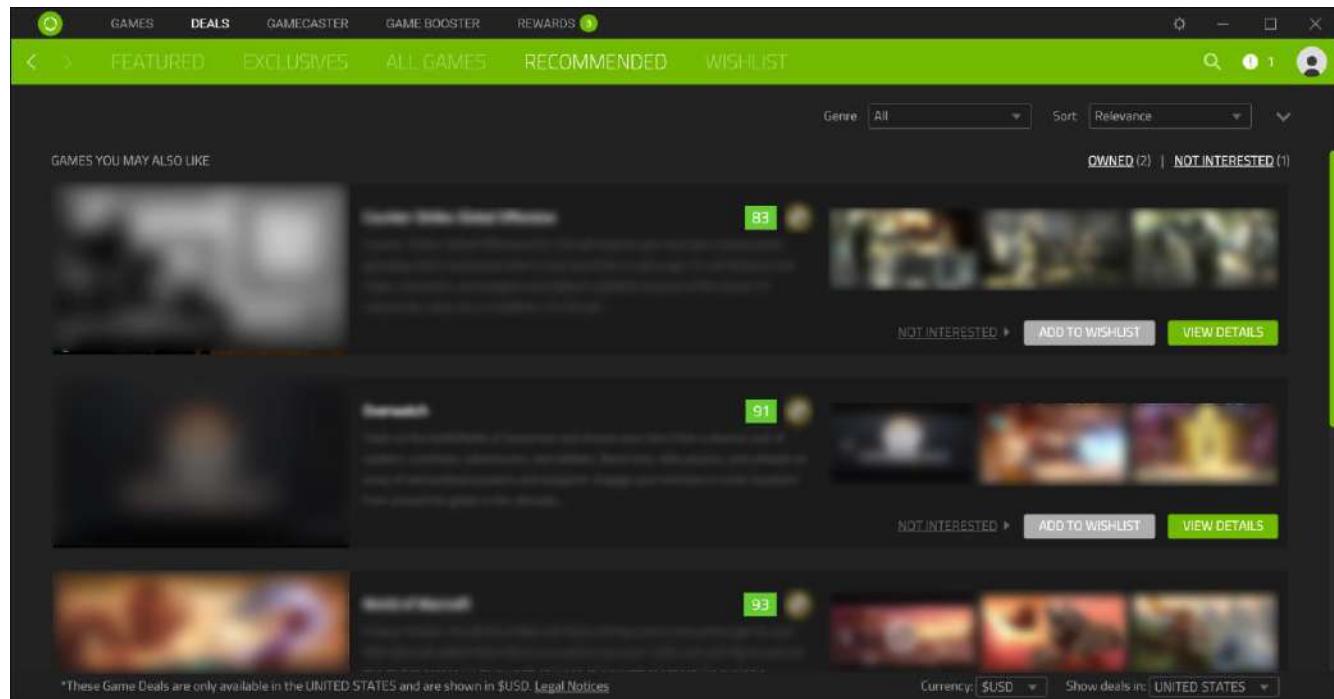
The screenshot shows the Razer deals website with the 'ALL GAMES' tab selected. The page displays a grid of game deals. The deals include:

- Grand Theft Auto V -100% \$9.99 FREE!
- Grand Theft Auto V -96% \$0.59
- Grand Theft Auto V -96% \$14.99 \$0.59
- Grand Theft Auto V -95% \$16.99 \$0.84
- The Witcher 3: Wild Hunt -95% \$14.99 \$0.74
- Grand Theft Auto V -94% \$9.99 \$0.59
- Grand Theft Auto V -94% \$9.99 \$0.59

*These Game Deals are only available in the UNITED STATES and are shown in \$USD. Legal Notices.

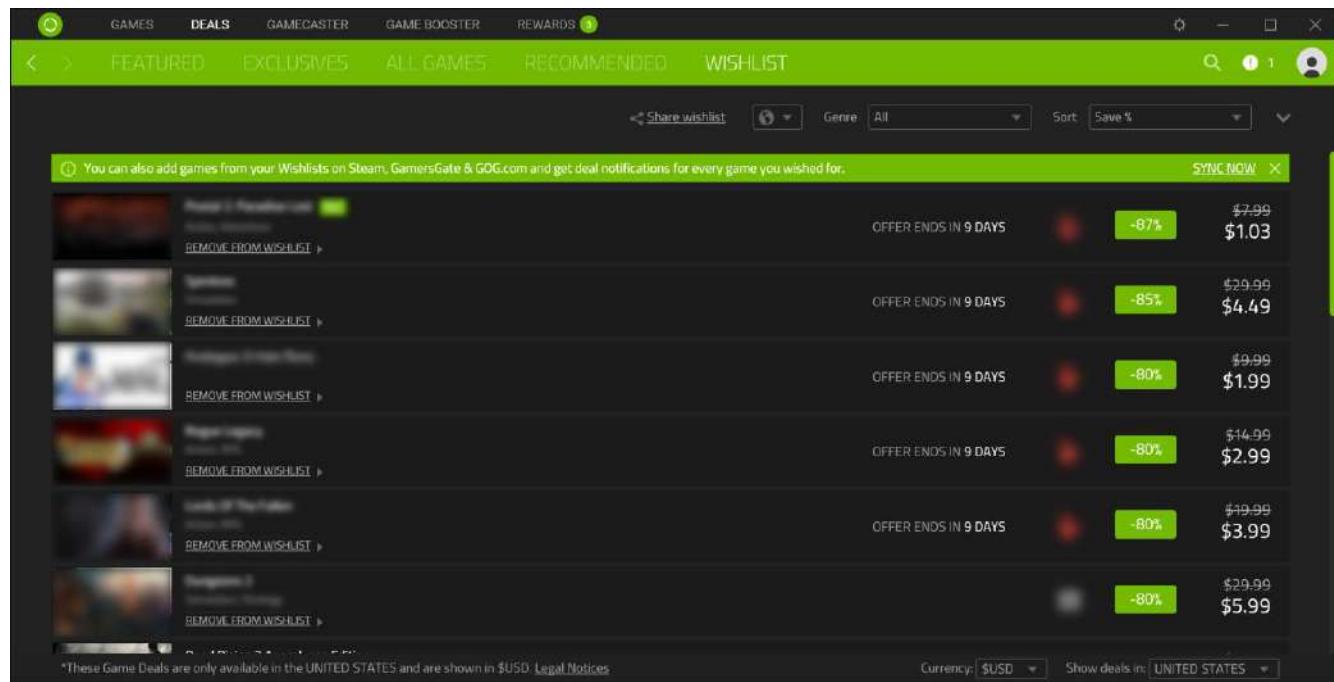
Currency: \$USD Show deals in: UNITED STATES

Use RECOMMENDED to discover games based on games you want, games you own, and what other gamers with similar taste are playing.



The screenshot shows the GOG.com homepage with the 'RECOMMENDED' tab selected. The page displays a grid of game cards, each with a thumbnail, the game title, and a green '88' badge. Below each card are buttons for 'NOT INTERESTED', 'ADD TO WISHLIST', and 'VIEW DETAILS'. At the top, there are navigation links for 'FEATURED', 'EXCLUSIVES', 'ALL GAMES', 'RECOMMENDED', and 'WISHLIST'. A search bar and user profile icon are also present. The bottom of the page includes a note about availability and currency settings.

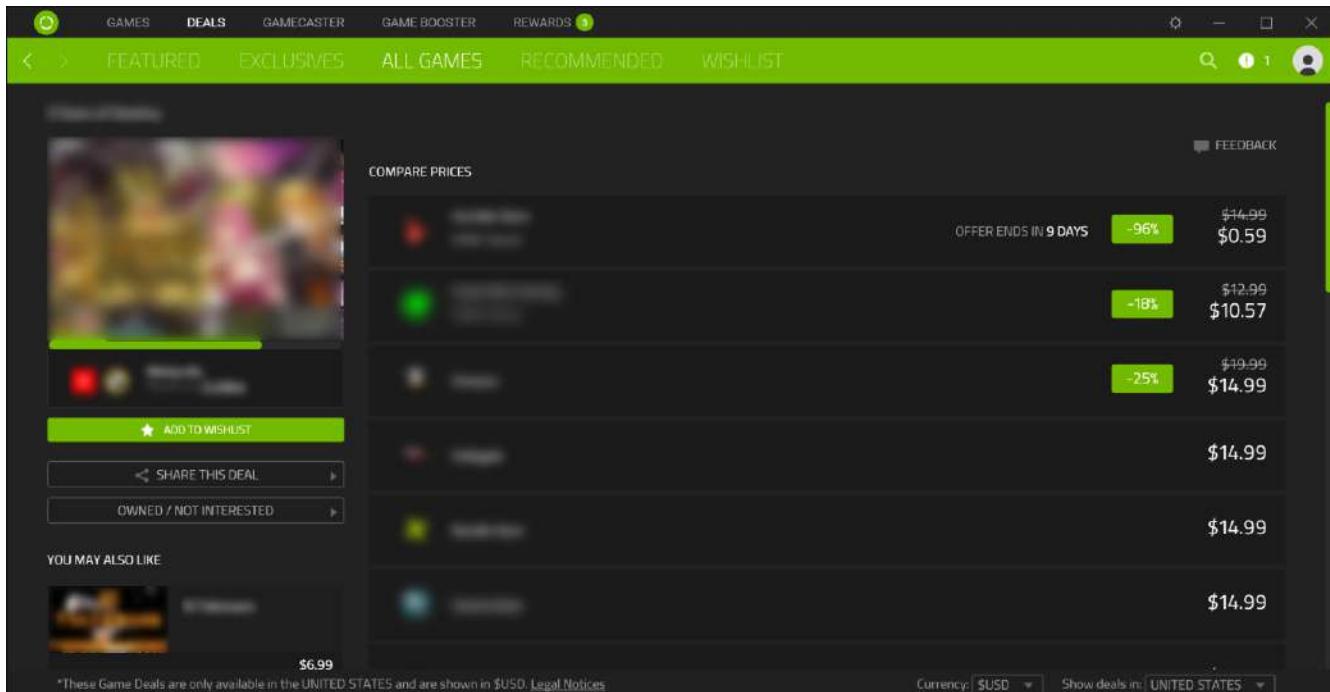
Use WISHLIST to be kept up-to-date on your most anticipated games and receive notifications whenever the game you want goes on sale.



The screenshot shows the GOG.com homepage with the 'WISHLIST' tab selected. The page displays a grid of game cards, each with a thumbnail, the game title, and a green '88' badge. Below each card are buttons for 'REMOVE FROM WISHLIST' and 'SYNC NOW'. A note at the top encourages users to share their wishlist. The bottom of the page includes a note about availability and currency settings.

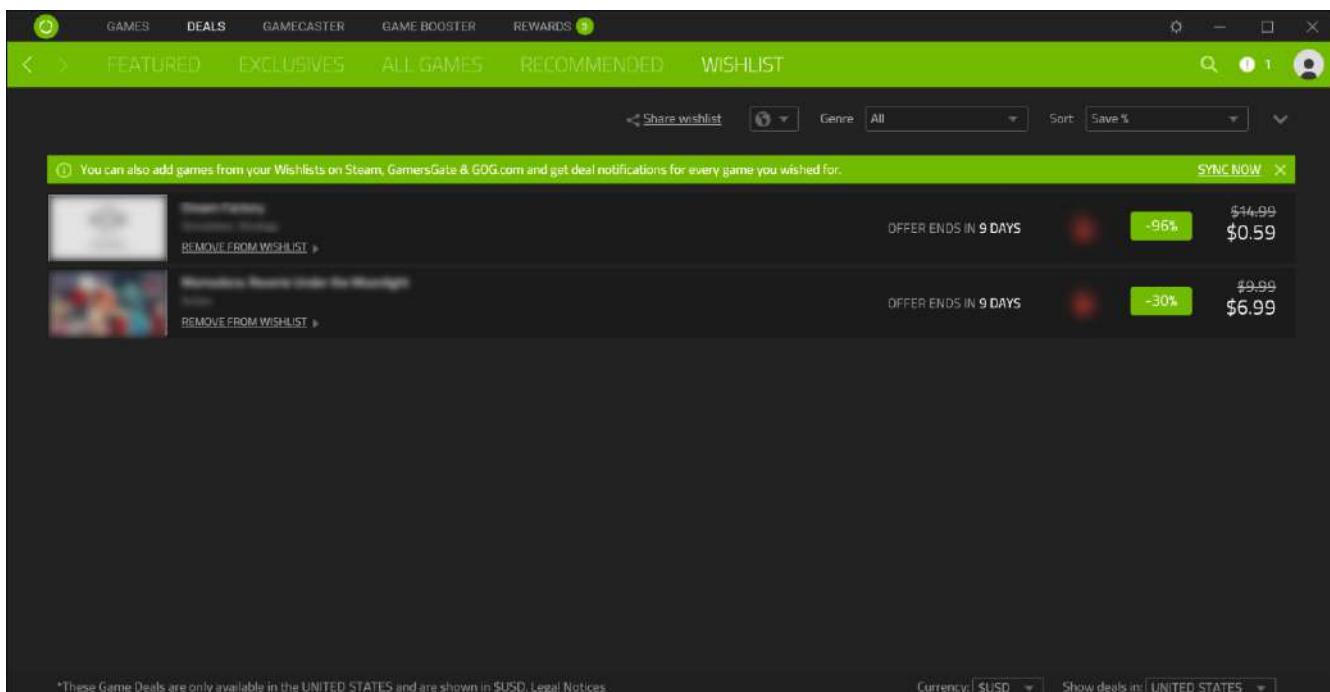
ADDING/REMOVING GAMES ON YOUR WISHLIST

You can add games to your Wishlist by going to a game's profile or details section and clicking its **★ ADD TO WISHLIST** button.



The screenshot shows a game deal page for a game with a blurred cover image. The deal is for \$0.59, marked down from \$14.99 with a 96% discount. The offer ends in 9 days. Below the deal, there are buttons for 'SHARE THIS DEAL' and 'OWNED / NOT INTERESTED'. On the left, there's a section for 'YOU MAY ALSO LIKE' with two game covers. At the bottom, there's a note about availability in the United States and a currency selection dropdown.

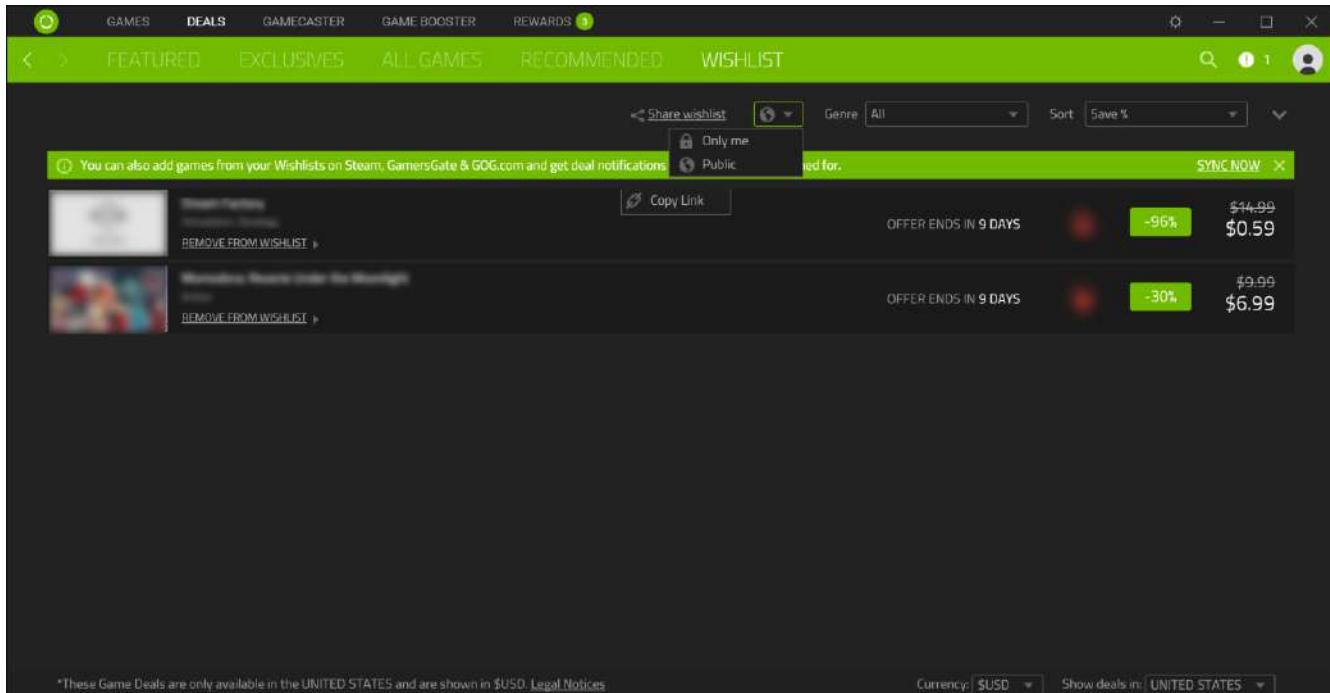
If you want to remove a game from your wishlist, select the game from your Wishlist, and then click the REMOVE FROM WISHLIST button. You can also go to DEALS > WISHLIST, then click the wishlisted game's corresponding REMOVE FROM WISHLIST link.



The screenshot shows the 'WISHLIST' page with a list of games. Each game entry includes a 'REMOVE FROM WISHLIST' link. The page has a green header bar with a note about adding games from other wishlists and a 'SYNC NOW' button. At the bottom, there's a note about availability in the United States and a currency selection dropdown.

SHARING WISHLISTS

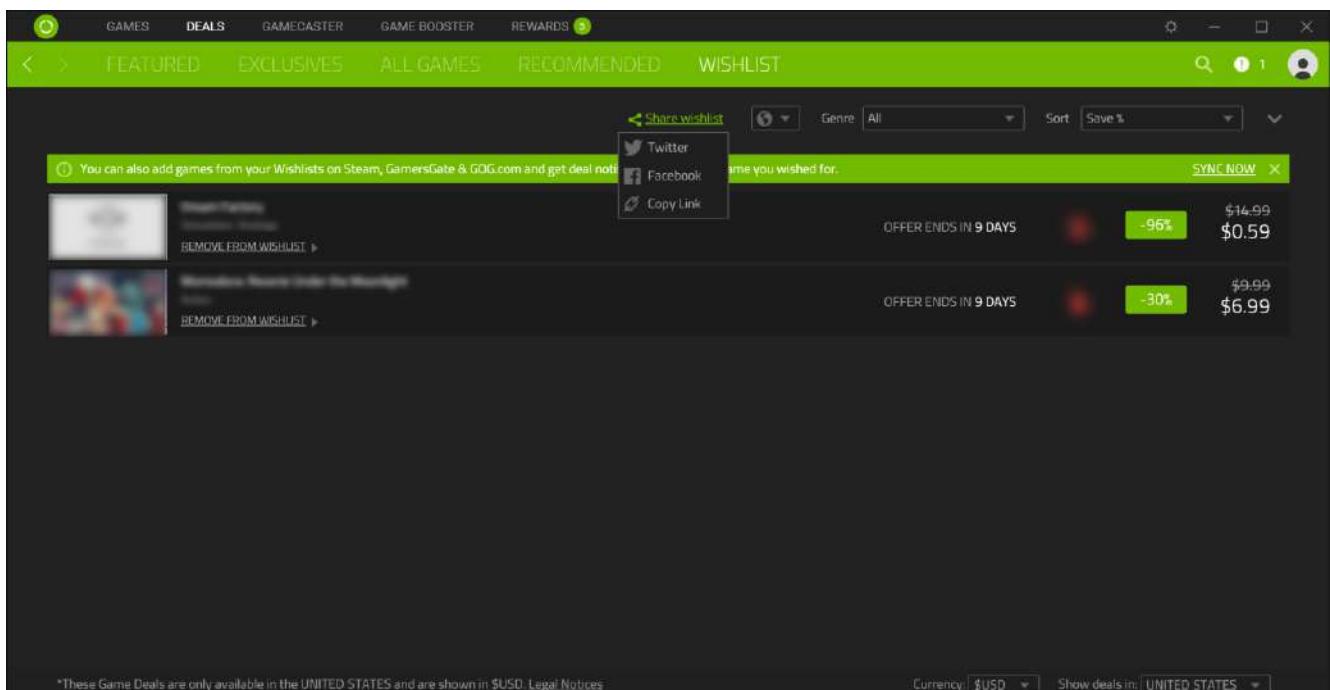
Use the  drop-down list to make your Wishlist private  or available to the Public .



*These Game Deals are only available in the UNITED STATES and are shown in \$USD. Legal Notices

Currency: \$USD Show deals in: UNITED STATES

You may also use the Share wishlist link if you want to share your Wishlist to the community of your choice. However, you will only be able to share your Wishlist if its availability has been set to Public .

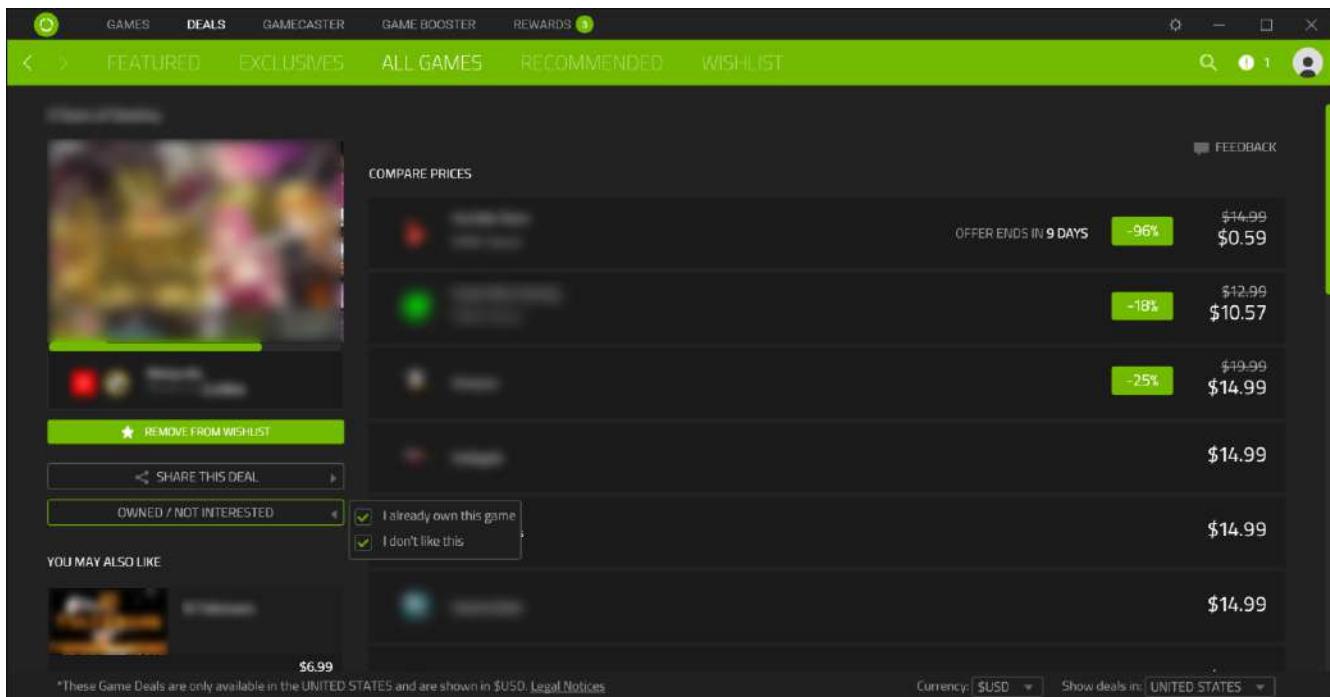


*These Game Deals are only available in the UNITED STATES and are shown in \$USD. Legal Notices

Currency: \$USD Show deals in: UNITED STATES

MARKING GAMES

Mark games on Razer Cortex: Deals by going to a game's profile or details section, clicking the OWNED/NOT INTERESTED, and then selecting the I already own this game and/or the I don't like this button. Marking games will help Razer Cortex: Deals filter and recommend more games that are better suited to your tastes.



You may also use the FEEDBACK button in this page if you have:

- found other game stores offering the selected game at a cheaper price;
- had issues with the game's cover art quality;
- or if you have other comments regarding Razer Cortex: Deals.

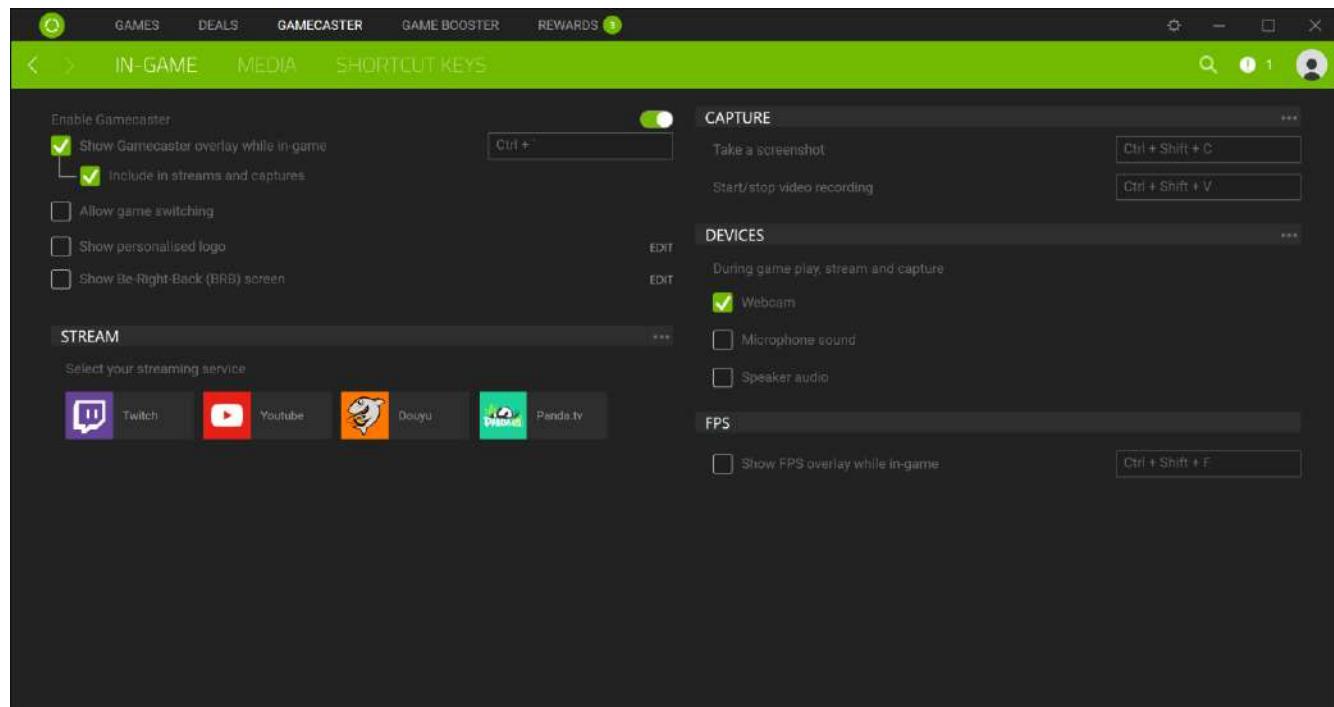
i Note: Games marked as 'I already own this game' and/or 'I don't like this' will automatically be removed from the RECOMMENDED deals list. You can also view all owned and disliked games by clicking the 'View all games marked as 'Not Interested'' link.

7. RAZER CORTEX: GAMECASTER

With a push of a key, Razer Cortex allows you to stream, record, and take screenshots of your game without compromising your system's performance.

IN-GAME

The IN-GAME tab is Razer Cortex: Gamecaster's default tab. With the Gamecaster toggled ON, several options and features are enabled.

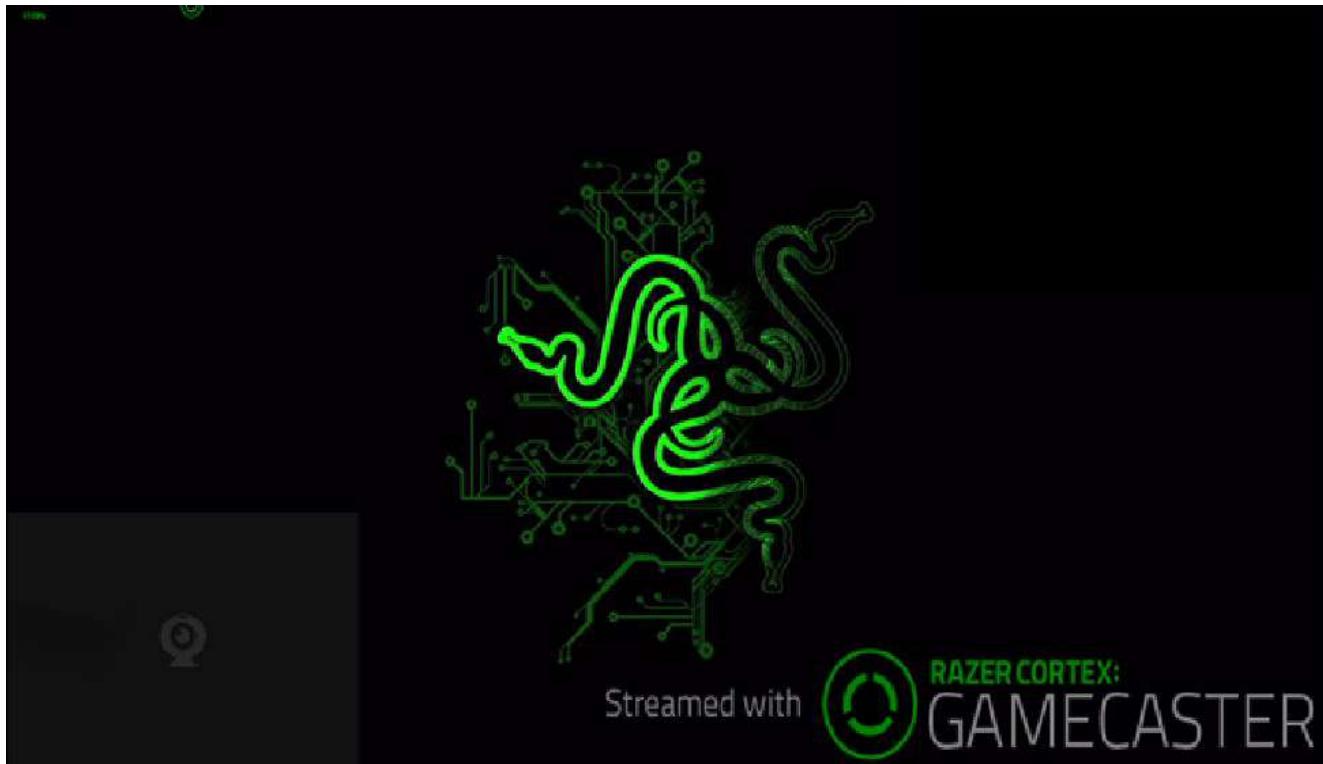


i Note: The In-game tab's settings can only be configured if Gamecaster is enabled or toggled ON.

By default, even if the Gamecaster overlay can be seen in-game, the Gamecaster overlay will neither be seen by your stream viewers nor will be included on your game screen captures and recordings.

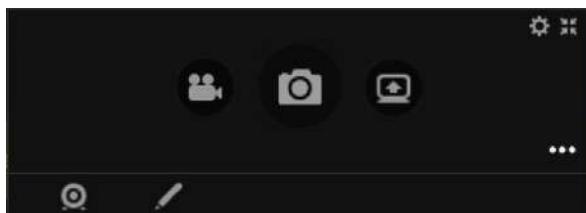
If you want to include the Gamecaster overlay in all streams and screen captures, simply enable the Show Gamecaster overlay while in-game and make it visible through the Include in streams and captures option.

If enabled, the Gamecaster overlay can be accessed by clicking the Razer Cortex icon  while in-game. The Gamecaster also includes the FPS overlay (seen on the upper left hand corner of the screen) and the webcam overlay (seen on the lower left hand corner of the screen). These overlays can also be toggled on GAMECASTER > IN-GAME. If you are using the pro version, the personalized logo overlay is also included.



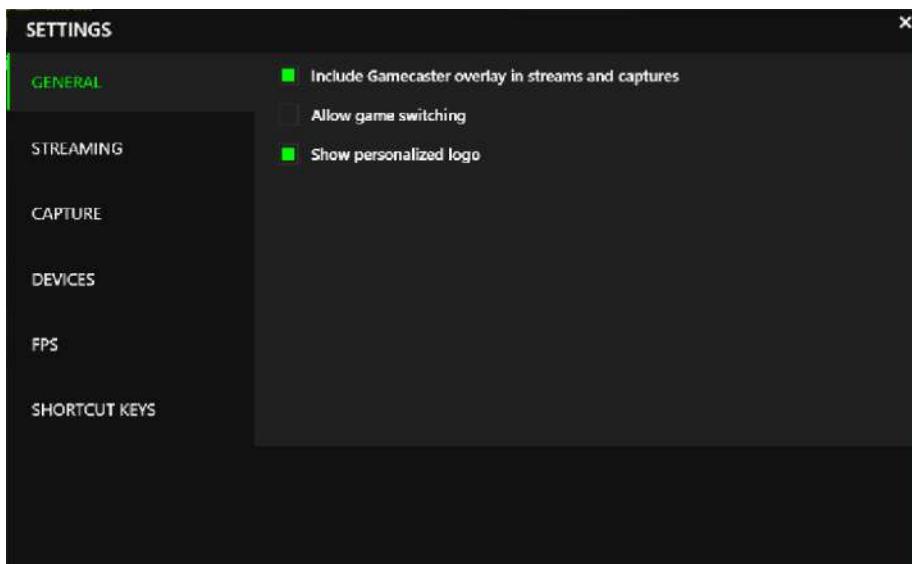
 Note: The FPS overlay and personalized logo will only be visible if both overlays are enabled in GAMECASTER > IN-GAME. Similarly, these will only be shown in streams and screen captures if the '*Include in streams and captures setting*' is enabled.

The Gamecaster overlay allows you to quickly access options such as record , screenshot , and stream .



Clicking the  button will reveal additional settings which includes enabling/disabling the webcam window , and activating on-screen annotations . You may also click the  icon to hide and revert the Gamecaster overlay to the Cortex icon.

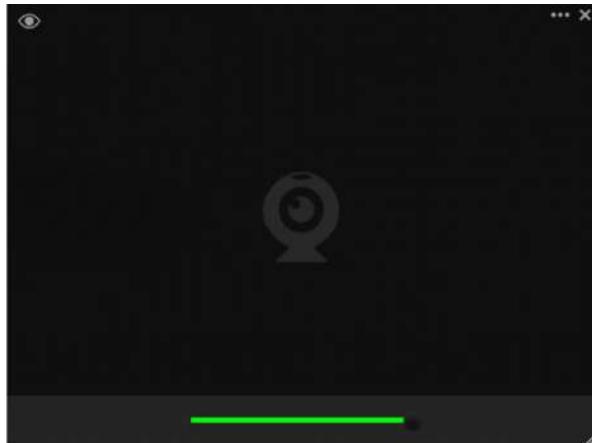
Clicking the Settings  icon will show the Gamecaster's SETTINGS window.



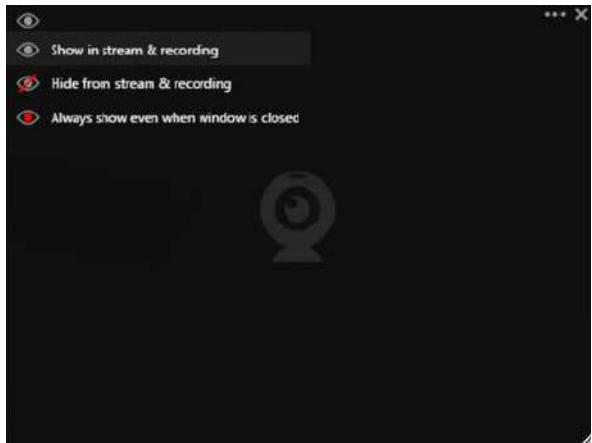
From here, you can access any of the following options:

- GENERAL - Enable or disable the Gamecaster overlay in streams, video recording and screenshots; game switching; and add a personalized logo.
- STREAMING - Configure the Gamecaster streaming settings such as its toggle streaming hotkey, the streaming service to be used, and other stream-related settings.
- CAPTURE – Change the Gamecaster capture settings such as the toggle screenshot or recording hotkey, and other screenshot and video capture settings.
- DEVICES – Select the webcam device you would be using, change the hotkey for the webcam window, enable or disable speakers, enable or disable microphone, select and/or change the hotkey for muting/unmuting the microphone or Push-To-Talk, and enable/disable and/or edit the Chroma key settings.
- FPS - Change the hotkey and/or toggle the FPS overlay in-game visibility, and change the FPS overlay's text color.
- SHORTCUT KEYS - Change the hotkeys for various Gamecaster functions.

Clicking the  button on the webcam or personalized logo overlay will show the transparency slider. This setting allows you to change the opacity of the webcam and personalized logo overlay.

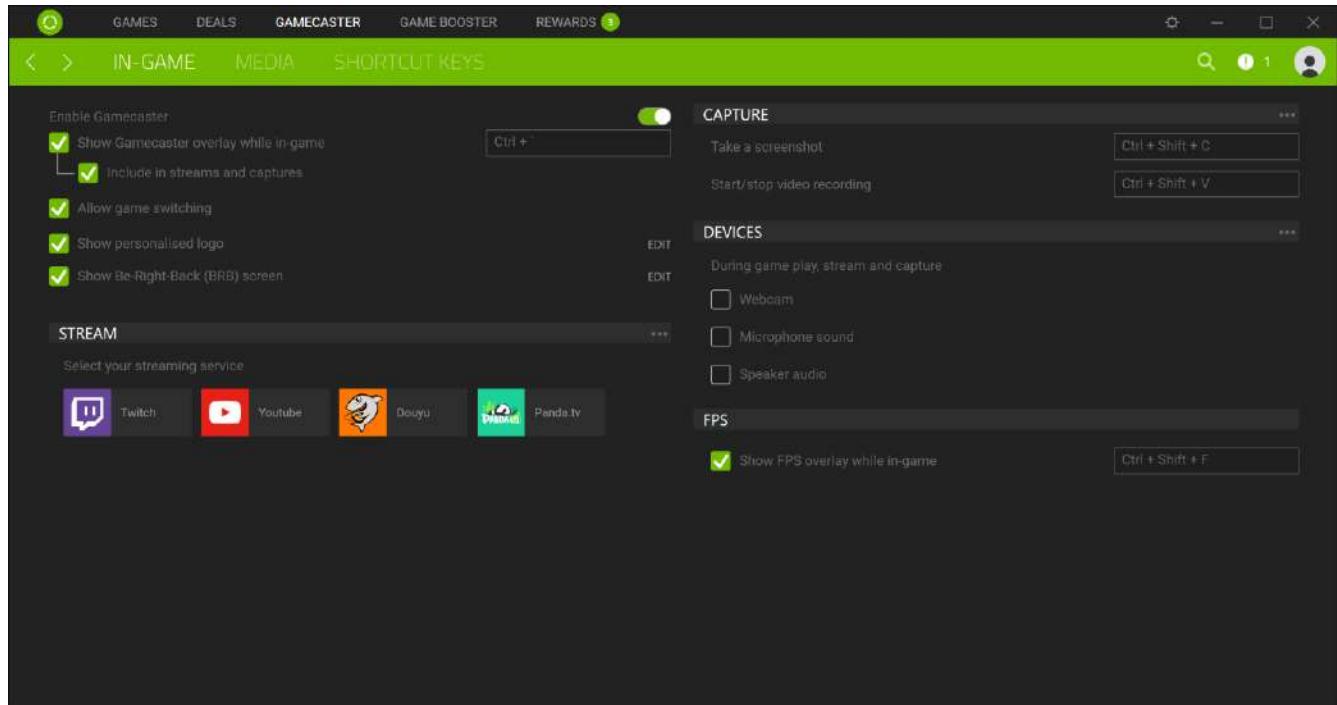


You can also customize the visibility of the webcam and personalized logo overlay by clicking on the corresponding overlay's  icon and selecting the desired visibility.



- The  icon will display the corresponding overlay to your stream viewers and on all game recordings as long as the overlay is visible. Closing the overlay will also hide the overlay display whenever streaming or recording.
- The  icon will hide the corresponding overlay from your stream viewers and on all game recordings even if the overlay is visible.
- The  icon will continue showing the corresponding overlay to your stream viewers and/or on your game recordings even if you have closed the overlay.

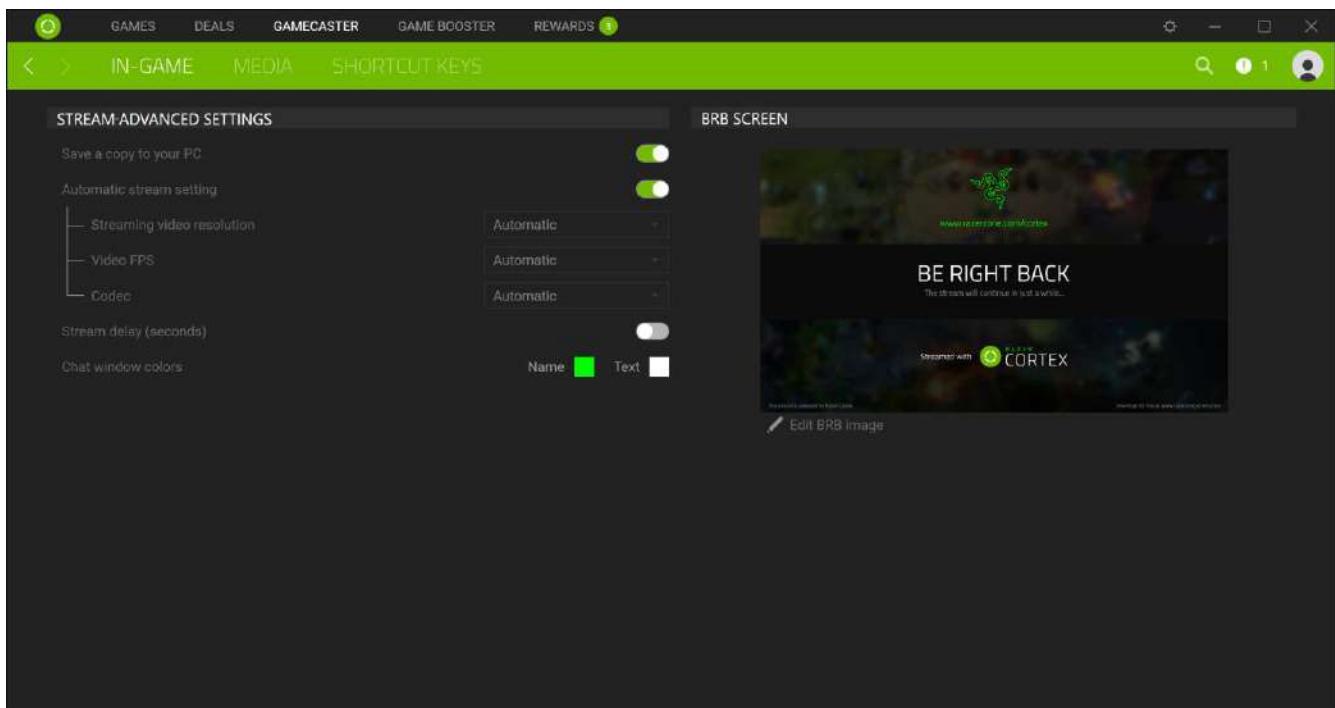
The Allow game switching option enables you to continuously stream or record even when switching between games.



If you have the pro version, you can customize the look of your streams and game recordings by adding your personalized logo and Be-Right-Back (BRB) screen. You can also customize these settings by clicking any of the said **options**' corresponding Edit link.

The STREAM section enables you to select and connect the streaming service you want to use.

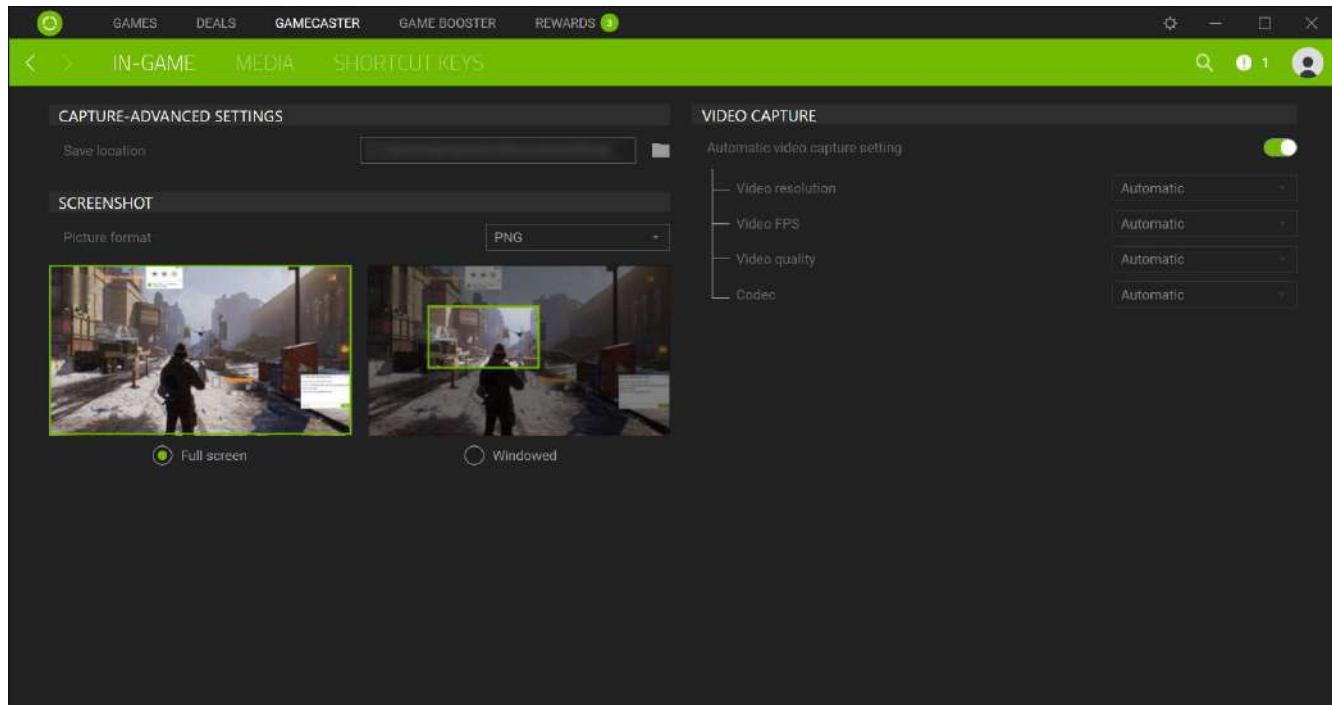
On GAMECASTER > IN-GAME > STREAM, clicking its corresponding  button will reveal the STREAM-ADVANCED SETTINGS. This section allows you to save a copy of your video streams to your PC, set your preferred stream delay settings or have everything set to automatic, and even customize your BRB (Be-Right-Back) screen.



If you have the pro version, you can access extra options such as having the watermark removed whenever streaming in 1080p HD resolution, higher FPS (60) and stream codec (x264) options, including chat window color customization.

The CAPTURE section allows you to customize the hotkeys for taking screenshots and starting or stopping a video recording.

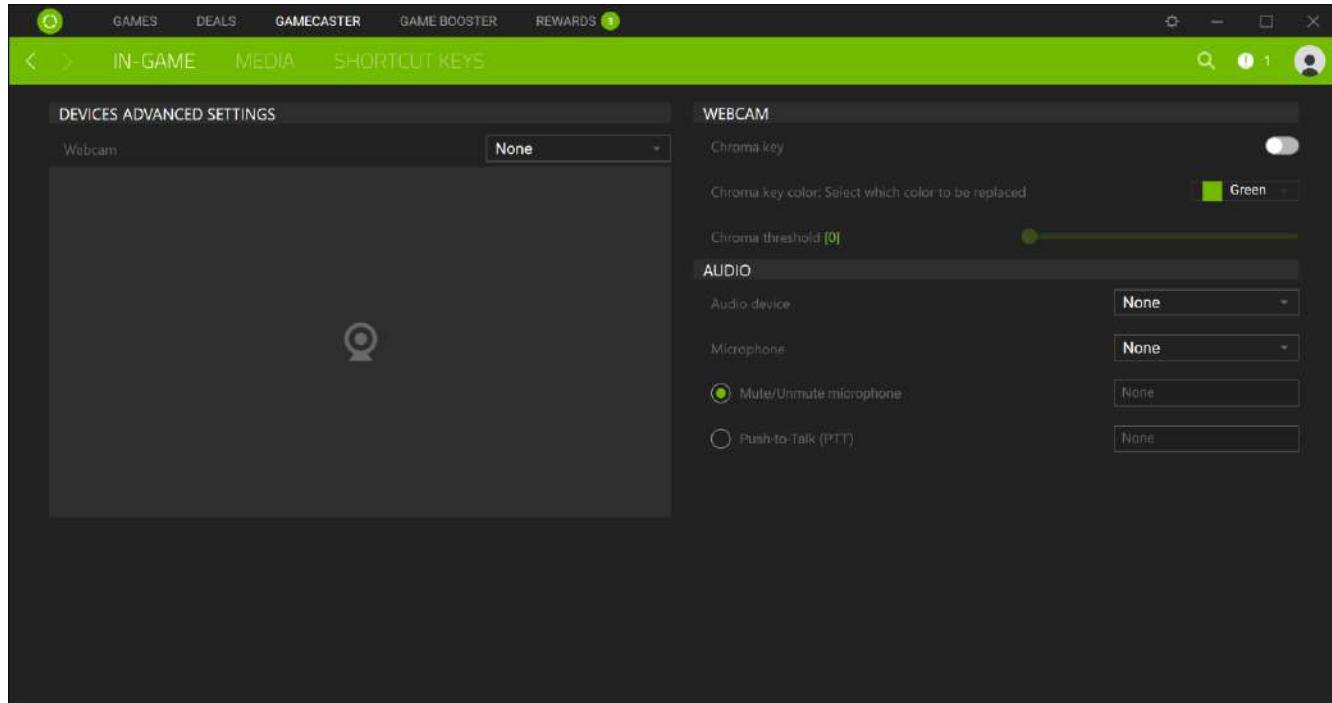
On GAMECASTER > IN-GAME > CAPTURE clicking its corresponding  button will reveal the CAPTURE-ADVANCED SETTINGS. This section allows you to select your preferred save location for all game captures, choose a picture type or file format for screenshots, and set your preferred video capture settings or have everything set to automatic.



If you have the pro version, you can access additional streaming and recording options such as a higher video resolution, and additional FPS (60) and stream codec (x264) options.

The DEVICES section allows you to choose which inputs are used when recording videos or streaming.

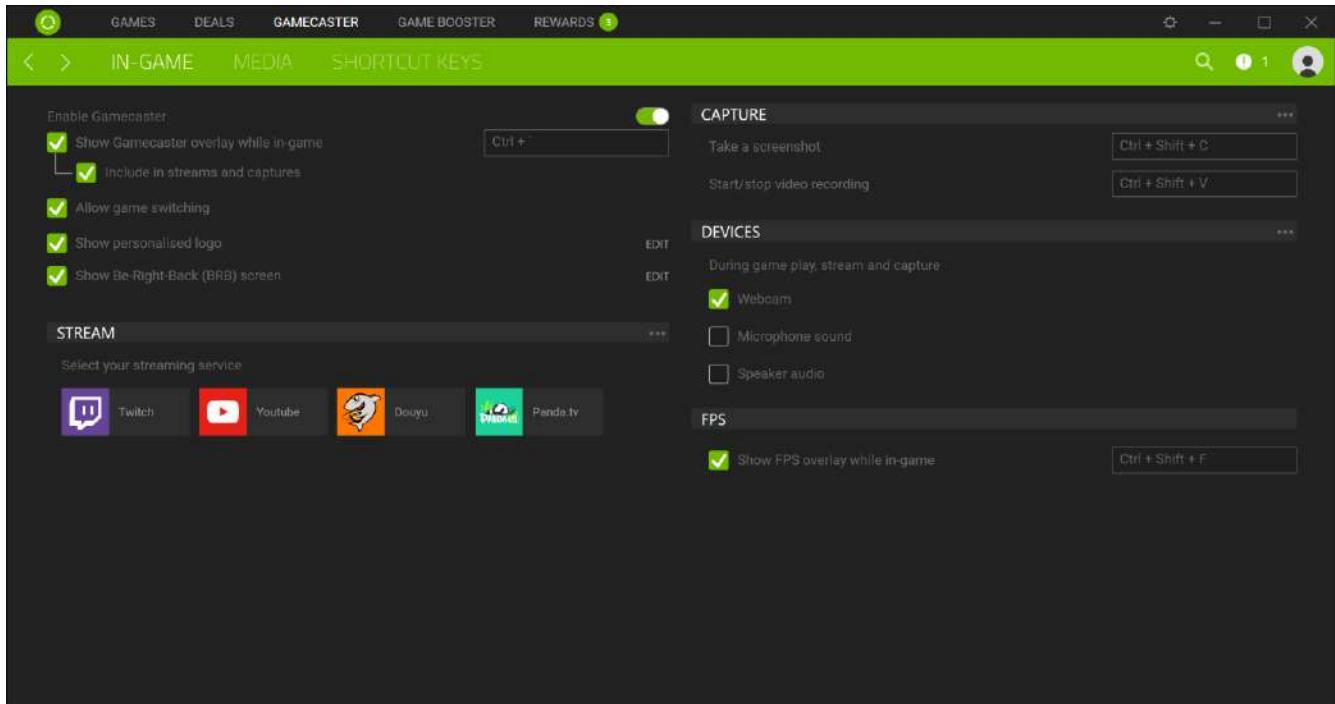
On GAMECASTER > IN-GAME > DEVICES, clicking its corresponding  button will reveal the DEVICES - ADVANCED SETTINGS. Here you can select the webcam, audio, and microphone device to use. You can also set the hotkeys for the mute/unmute microphone toggle and Push-To-Talk (PTT) function.



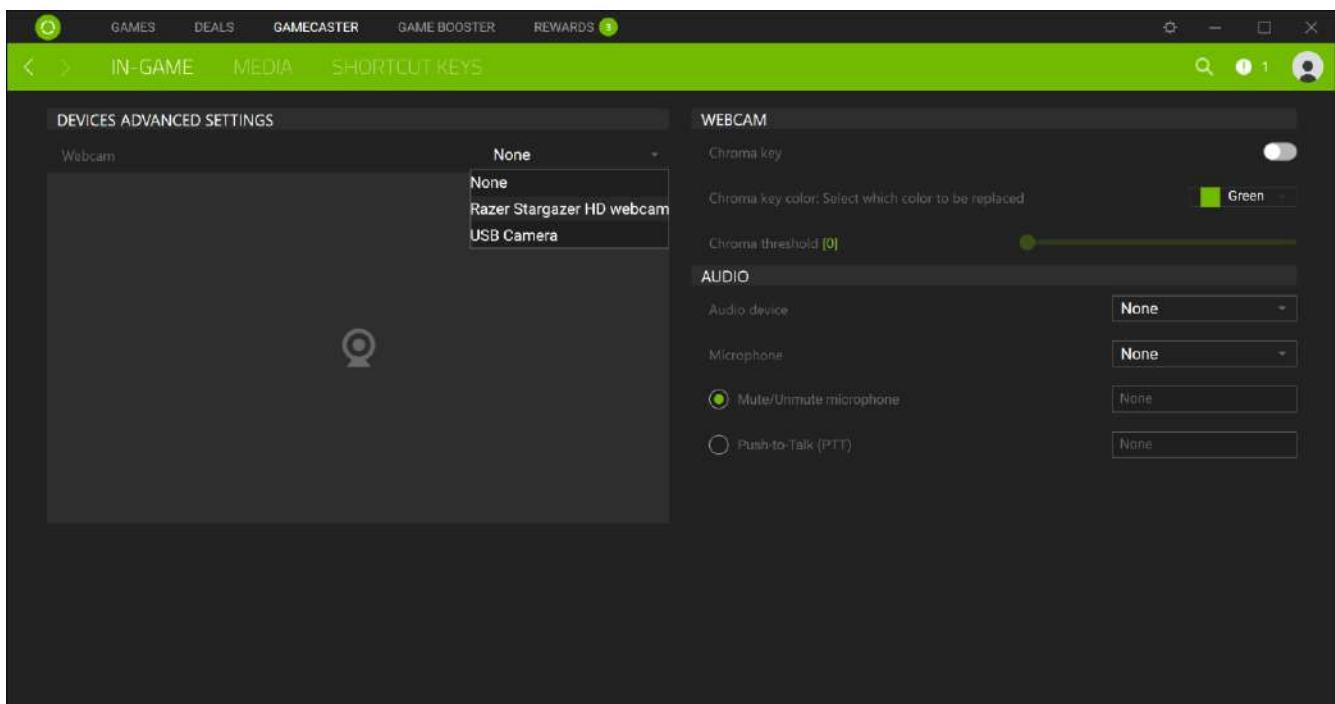
If you have the pro version, you can access additional options such as toggling the Chroma key (Green screen effect), and changing the Chroma key color and its threshold.

If you have a Razer Stargazer plugged in, you may also use your Razer Stargazer camera as a major companion to your Gamecaster recordings and broadcastings.

To do this, simply tick the Webcam checkbox found under GAMECASTER > IN-GAME > DEVICES section then click the **...** button to reveal the DEVICES - ADVANCED SETTINGS.

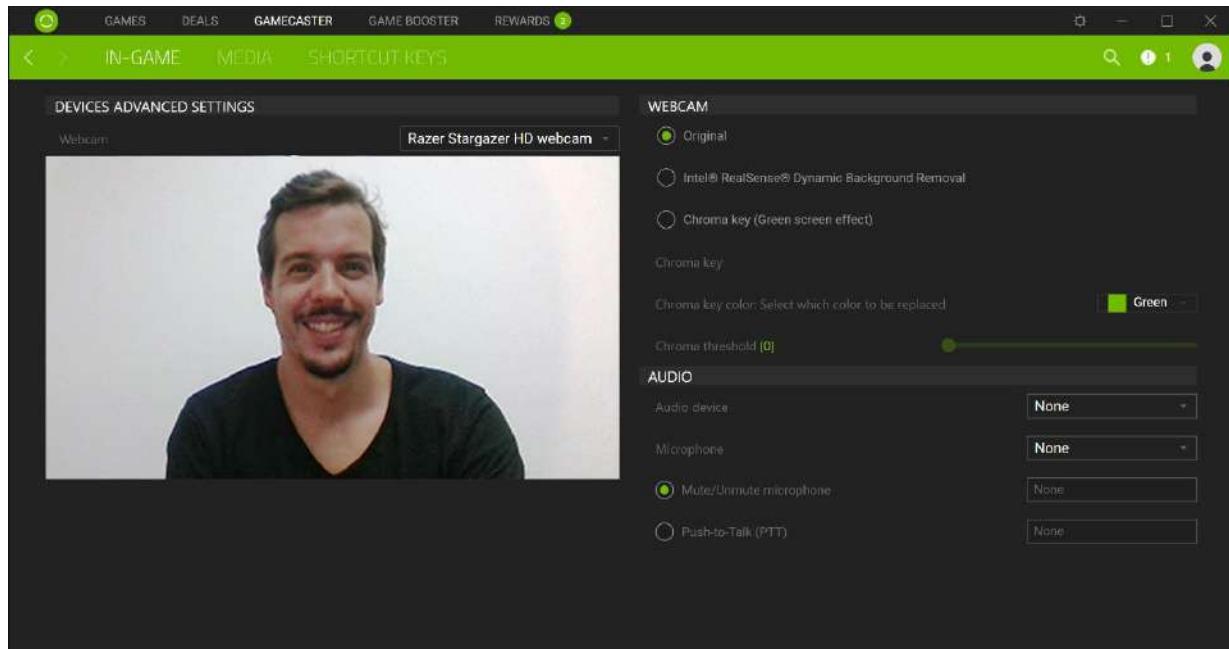


From the DEVICES-ADVANCED SETTINGS, select Razer Stargazer HD webcam on the list.

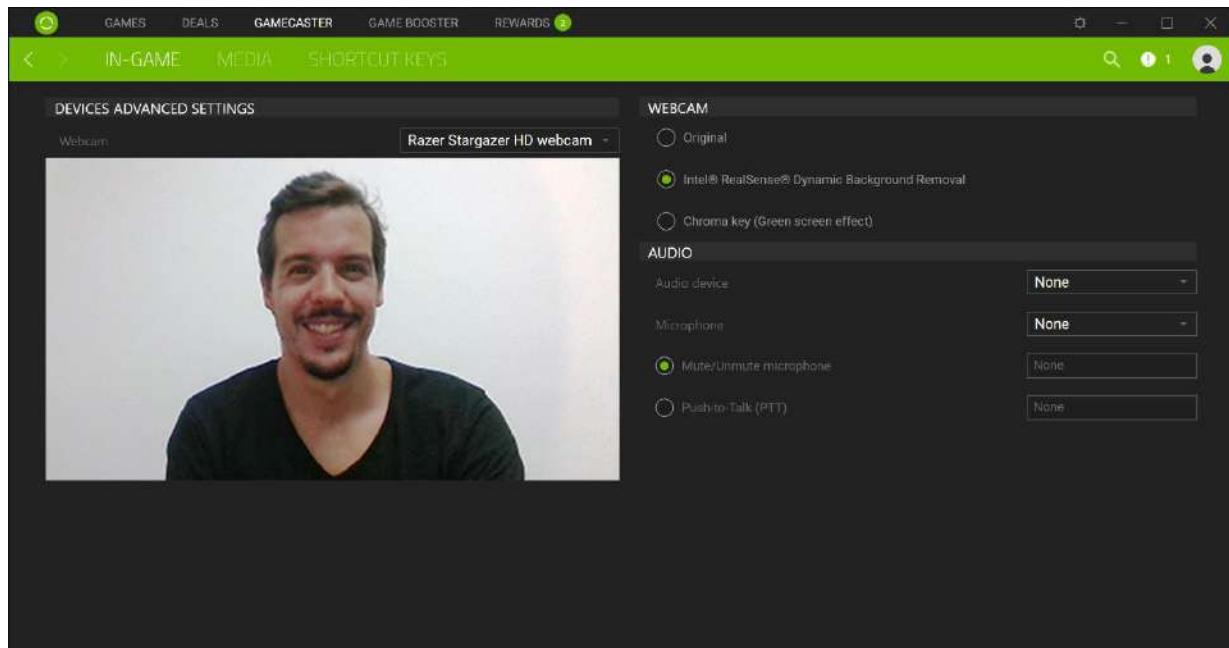


You may then select any of the following options on the WEBCAM section:

- Original - Allows you to use the regular preview of your camera.



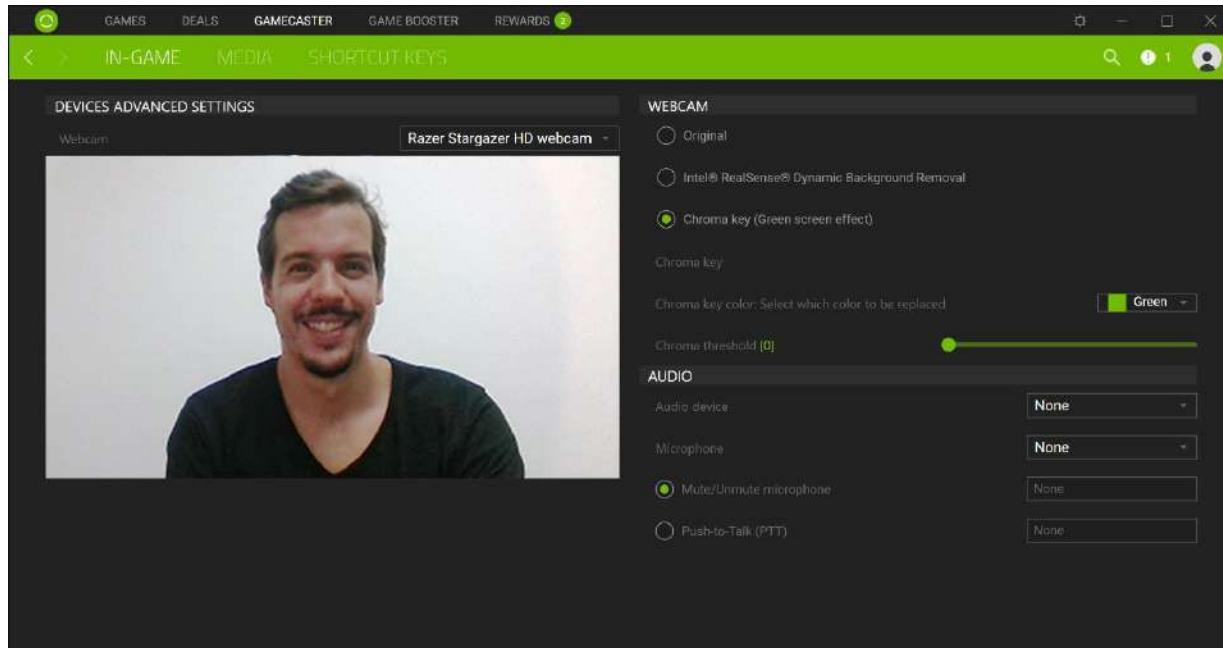
- **Intel® RealSense™ Dynamic Back**ground Removal - Enables you to use background removal without using backdrops.



i *Note: If you have not yet installed the Intel® RealSense™ Software Development Kit (SDK), the Intel® RealSense™ Dynamic Background Removal option will show an ! icon indicating that some components must be downloaded and installed first.*

- Chroma Key (Green screen effect) - Enables you to replace a selected chroma key color with a transparent background.

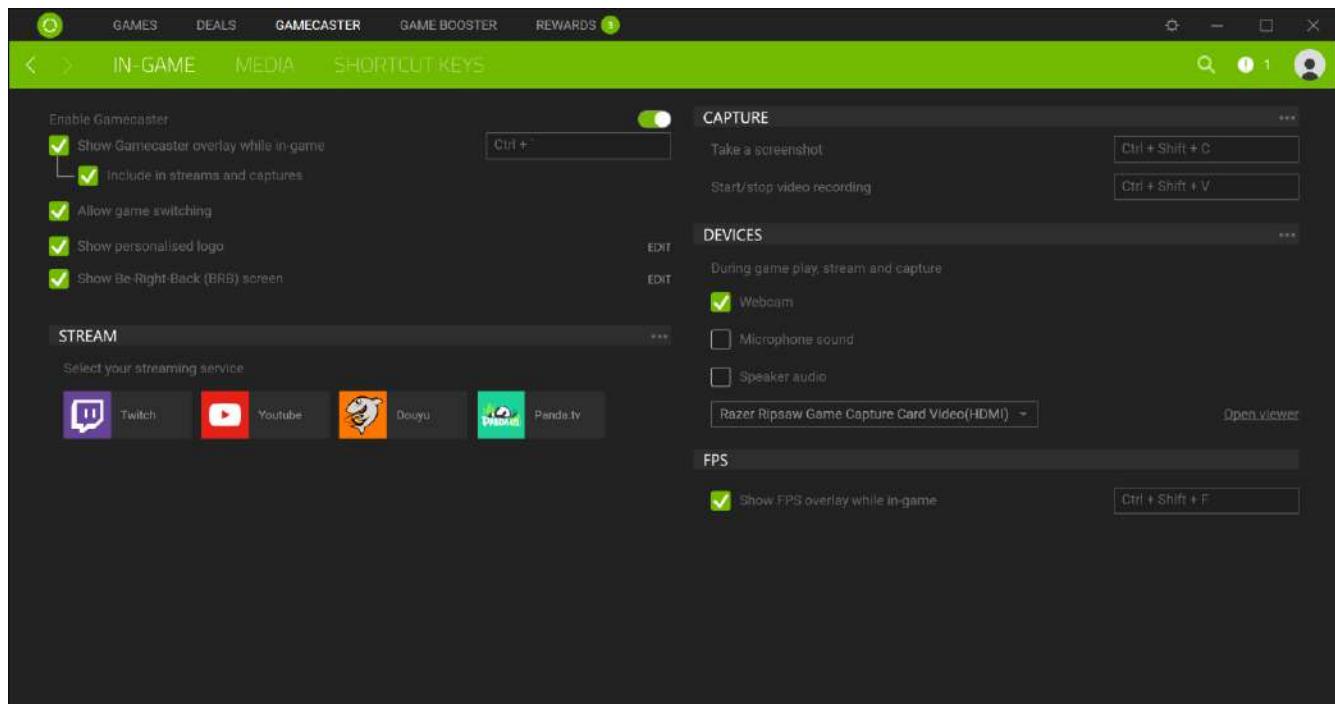
Simply select Chroma Key (Green screen effect) on the Background section, select the correct chroma key color from the drop-down list, then adjust the slider of the Chroma threshold to control the transparency range.



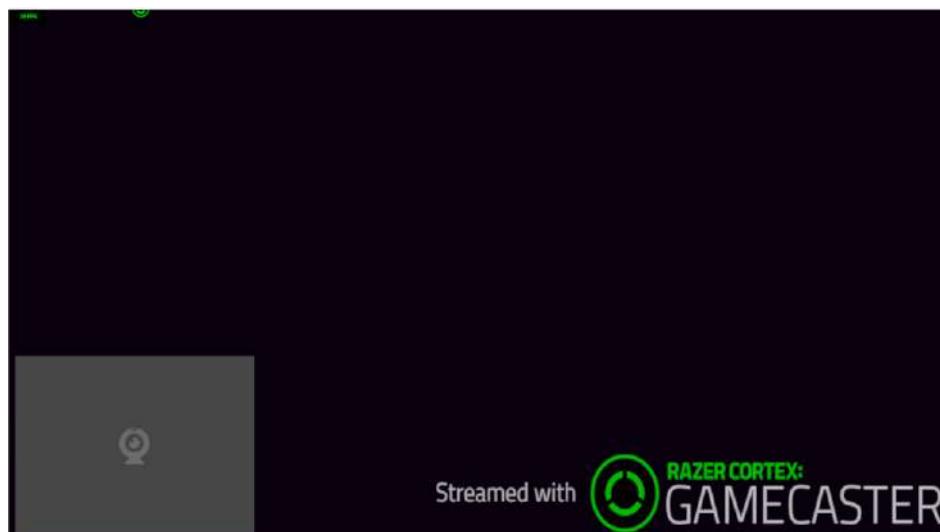
- Note: Make sure that the selected chroma key color is similar to the backdrop of your camera feed (e.g. green backdrop to green chroma key). *In addition, you may have to adjust your room's lighting to eliminate visible shadows on the backdrop.*

If you have a Razer Ripsaw plugged into your PC, you will automatically have the Gamecaster upgraded to pro version for free and gain access to the Gamecaster Viewer found under the GAMECASTER > IN-GAME > DEVICES section.

i All streaming activities must be done through the connected Razer Ripsaw if you want to use the pro version's *stream features*.

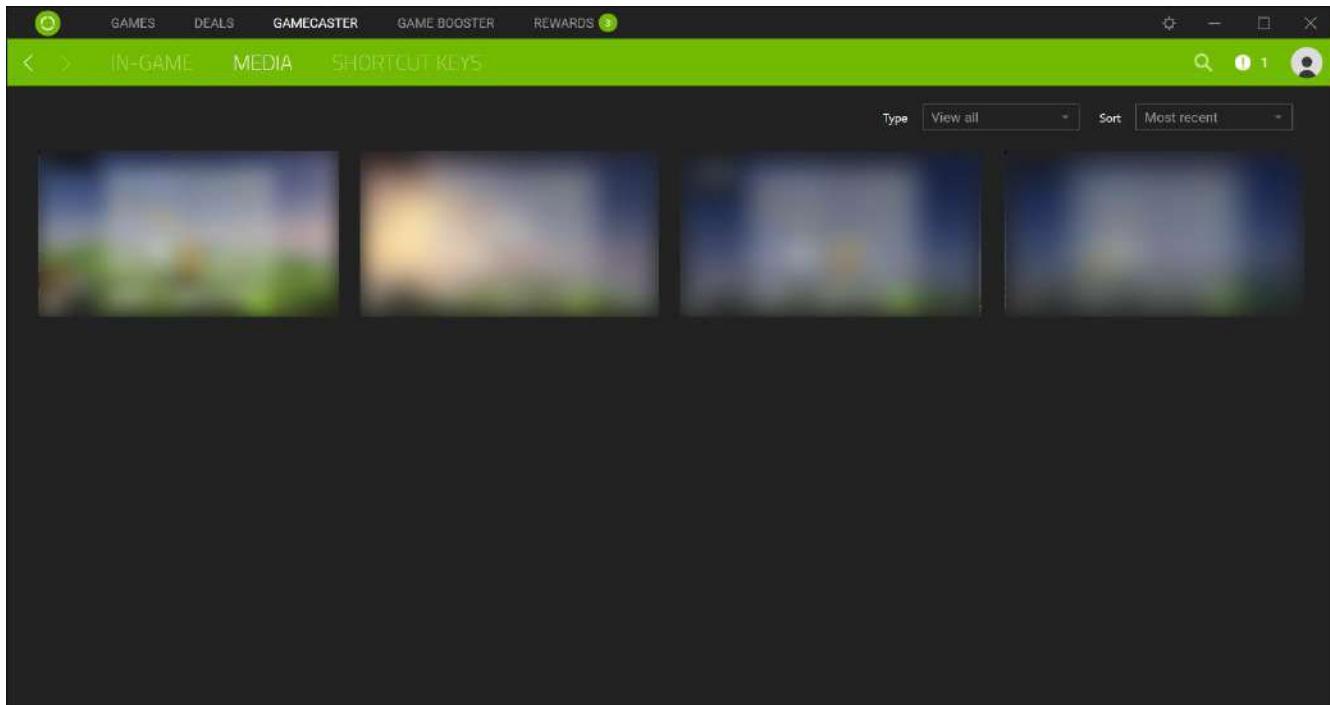


The Gamecaster Viewer acts as a video feed for your Razer Ripsaw where you can stream your games. The viewer also enables you to configure the overlay settings before launching a game, starting a stream, or recording a video.



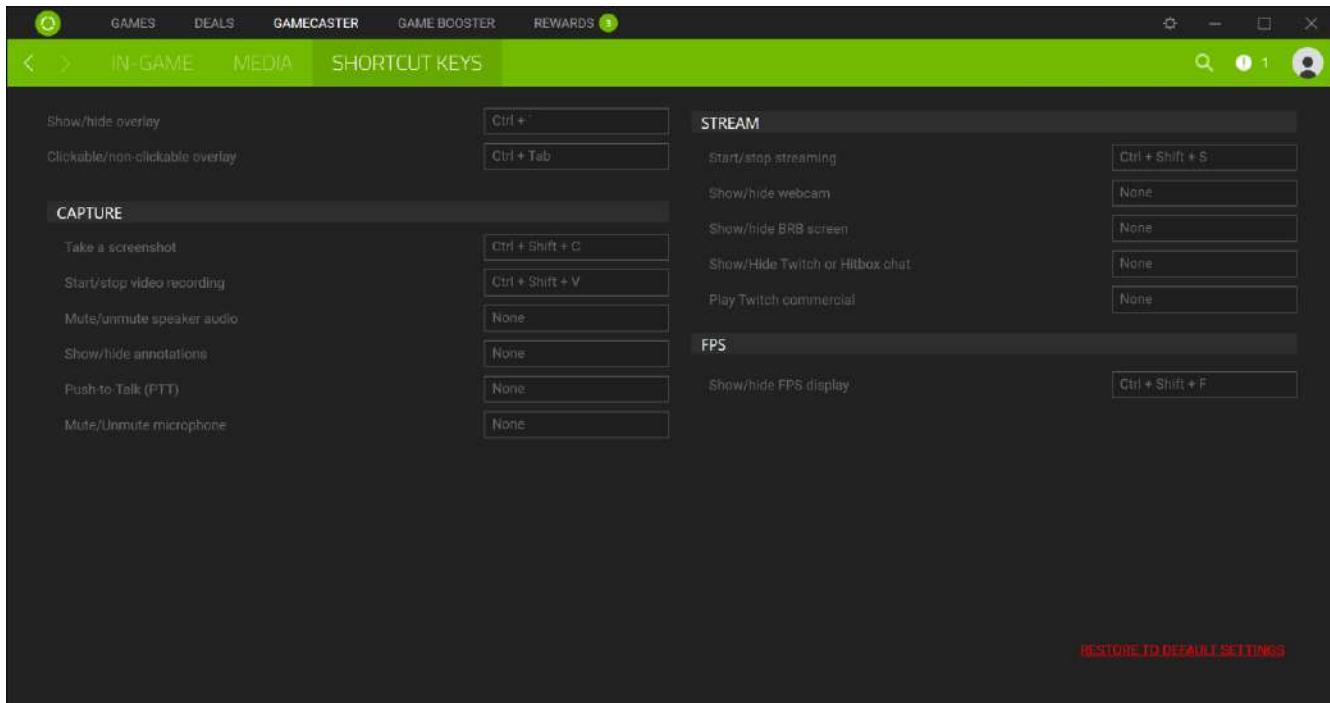
MEDIA

View your video recordings and screenshots.



SHORTCUT KEYS

View and customize shortcut keys for overlay, streaming, FPS display toggling, and capturing media content.

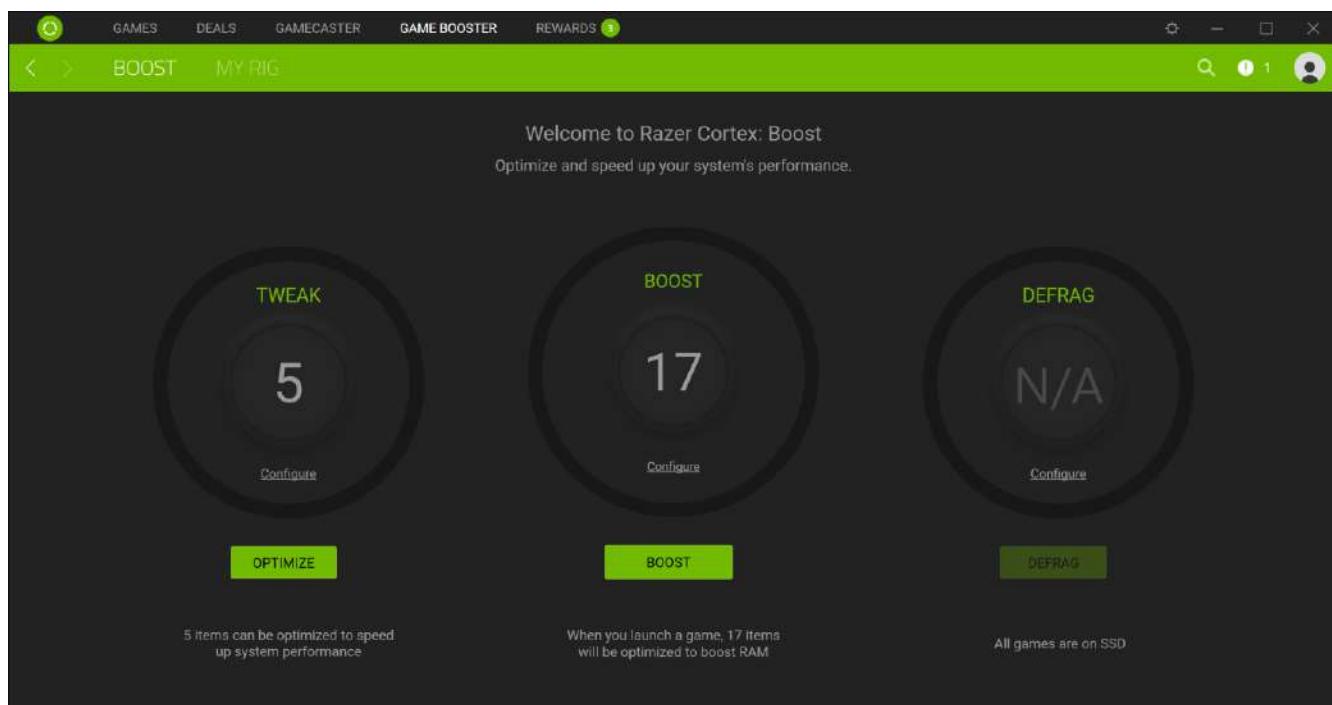


8. RAZER CORTEX: GAME BOOSTER

Razer Cortex: Game Booster provides extra optimization tools to further improve your overall gaming experience.

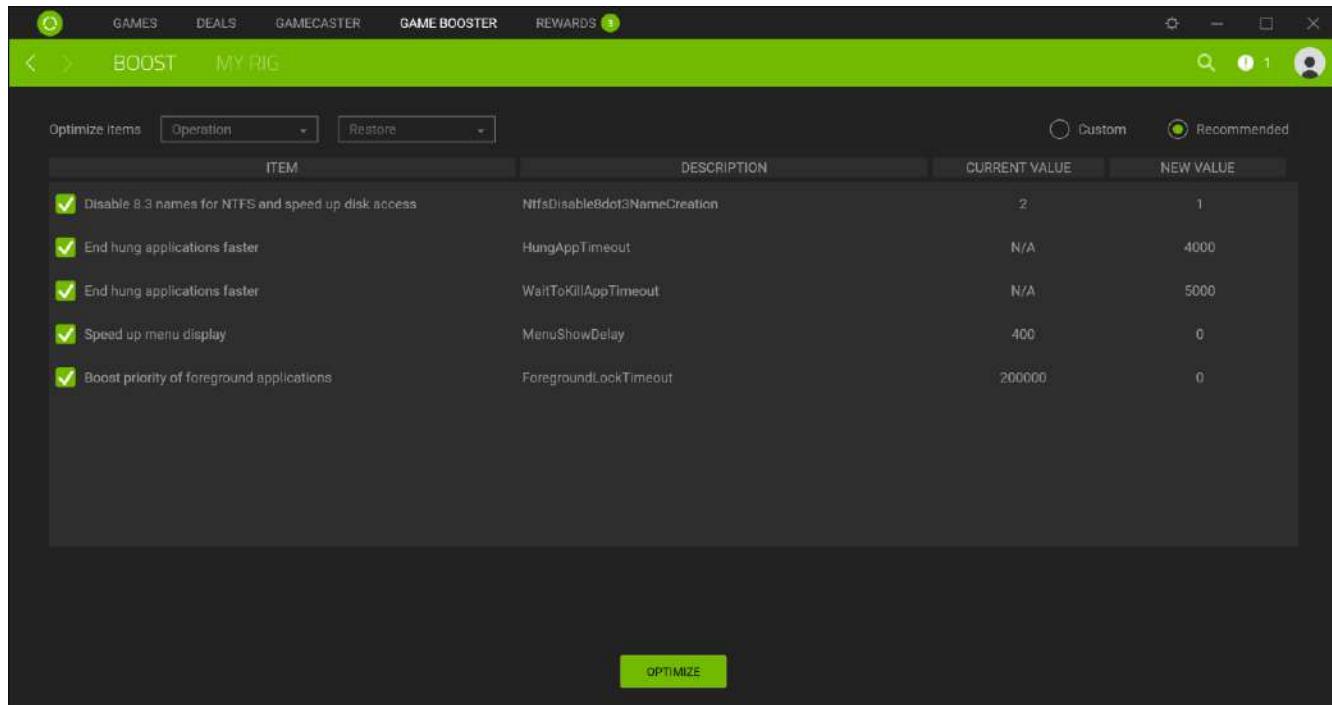
GAME BOOSTER

GAME BOOSTER provides full control over which processes and services are temporarily stopped to optimize system performance. These can easily be enabled/restored with a single click, or even fully customized according to your needs.



TWEAK

The TWEAK tool auto adjusts your PC's **settings** to improve overall game performance. You can simply click **OPTIMIZE** to start the optimization **using Razer Cortex's recommended settings**, or click **Configure** to select which and/or customize the tweaks you want optimized.

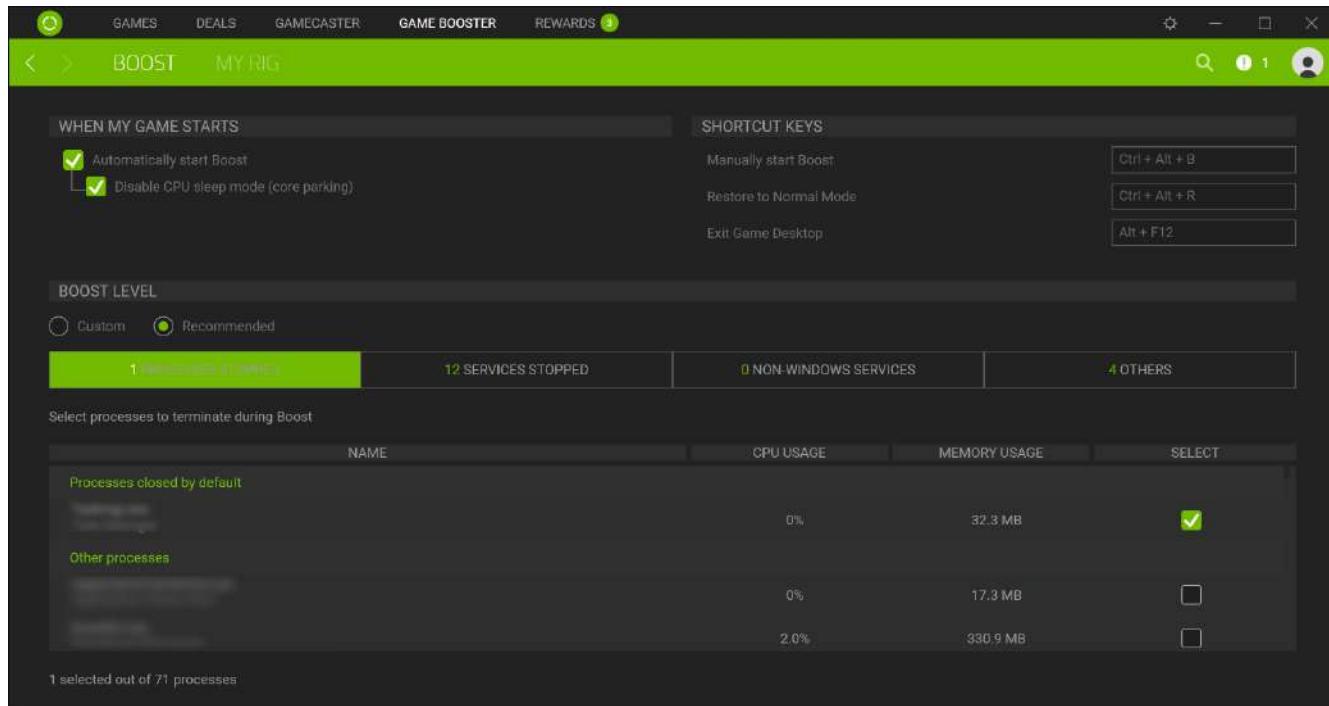


By default, the Tweak tool uses the Recommended list. However, if you want to use your own settings, select Custom, then select/deselect the items you want optimized and/or modify each item's corresponding value. Once done, click **OPTIMIZE** to use the new settings.

You can also import and export settings from/to a file using the **Optimize Items > Operation** drop-down menu; or restore all settings to Windows default or undo Razer Cortex tweaks through the **Optimize Items > Restore** drop-down menu.

BOOST

When BOOST is toggled on – either by launching a game or by manually activating boost through the BOOST button– several processes and services on your computer are immediately suspended, allocating more resources for your game to use. Turning off Boost will restore your computer to its original state.

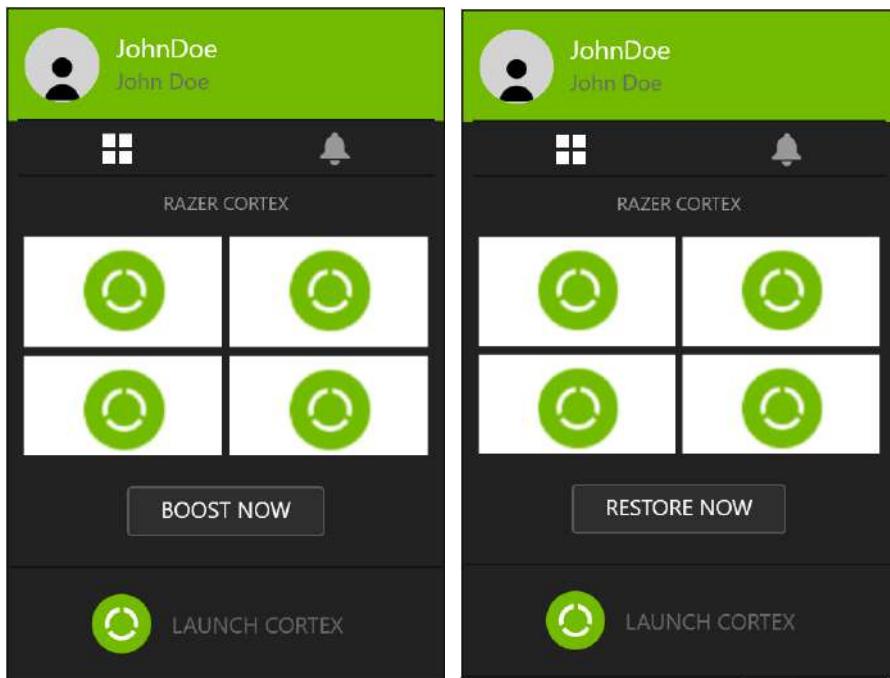


Under BOOST > Configure, various options are provided in customizing the Boost function. This includes:

- Toggling automatic Boost launch on/off including an added option of disabling core parking whenever launching a game
- Specifying Boost and Restore shortcut keys to toggle Boost on/off respectively
- Specifying a shortcut key to exit Game Desktop
- Customizing various settings categorized according to processes, services, non-Windows services, and others, that will be temporarily suspended when Boost is active.

i **WARNING:** Suspending Windows services may affect the operation of your system. If you are unsure of which processes and/or services to select, select Recommended to use the suggested Boost settings.

You may also quickly access Razer Cortex's BOOST function through the expanded system tray. Simply click the  icon on the system tray, then click BOOST NOW to enable boost or RESTORE NOW (if the system is already on BOOST).

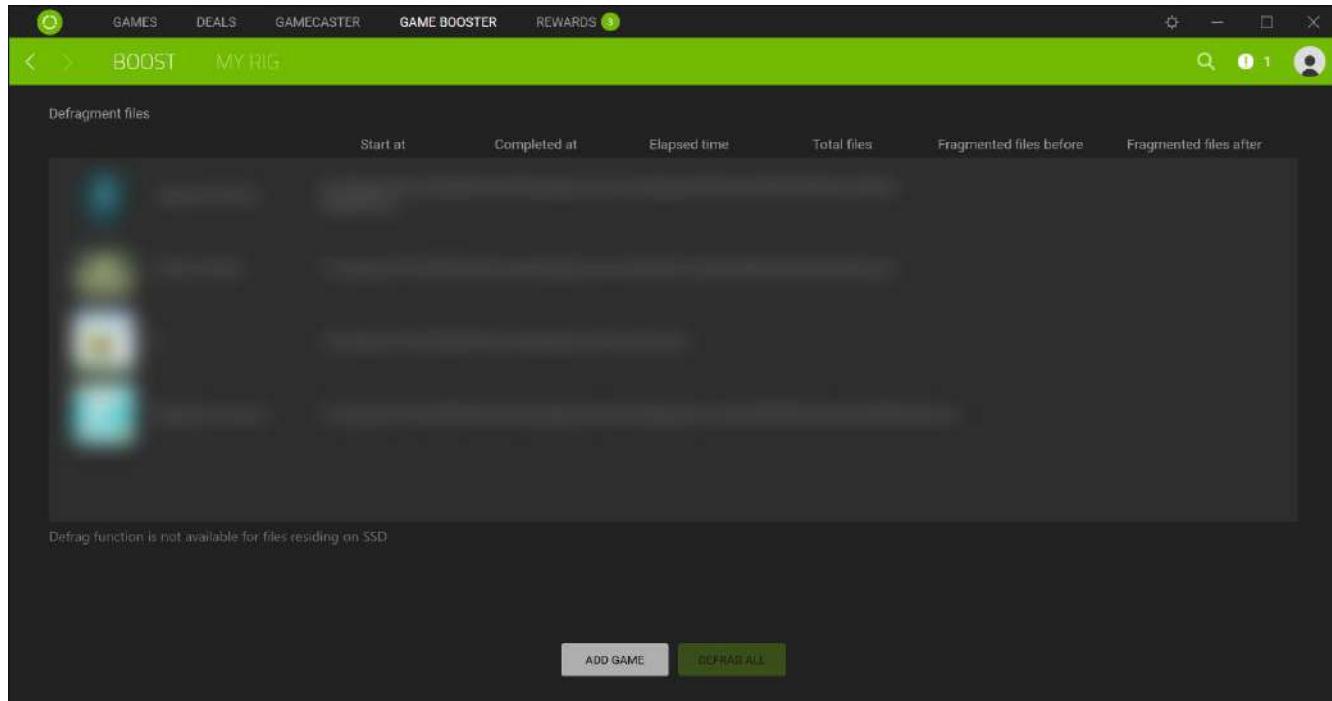


To know more about the  icon and its features, you may proceed to the [Razer Central](#) section of this user manual.

-  NOTE: The BOOST NOW/RESTORE NOW buttons will only be accessible when Razer Cortex is running.

DEFRAG

The Defrag tool chooses and defragments games and folders quickly, making your games load and run faster. Click DEFRAZ to defragment all games that can be defragged, or click Configure to add game(s) on the list and/or to choose a specific game to defragment.

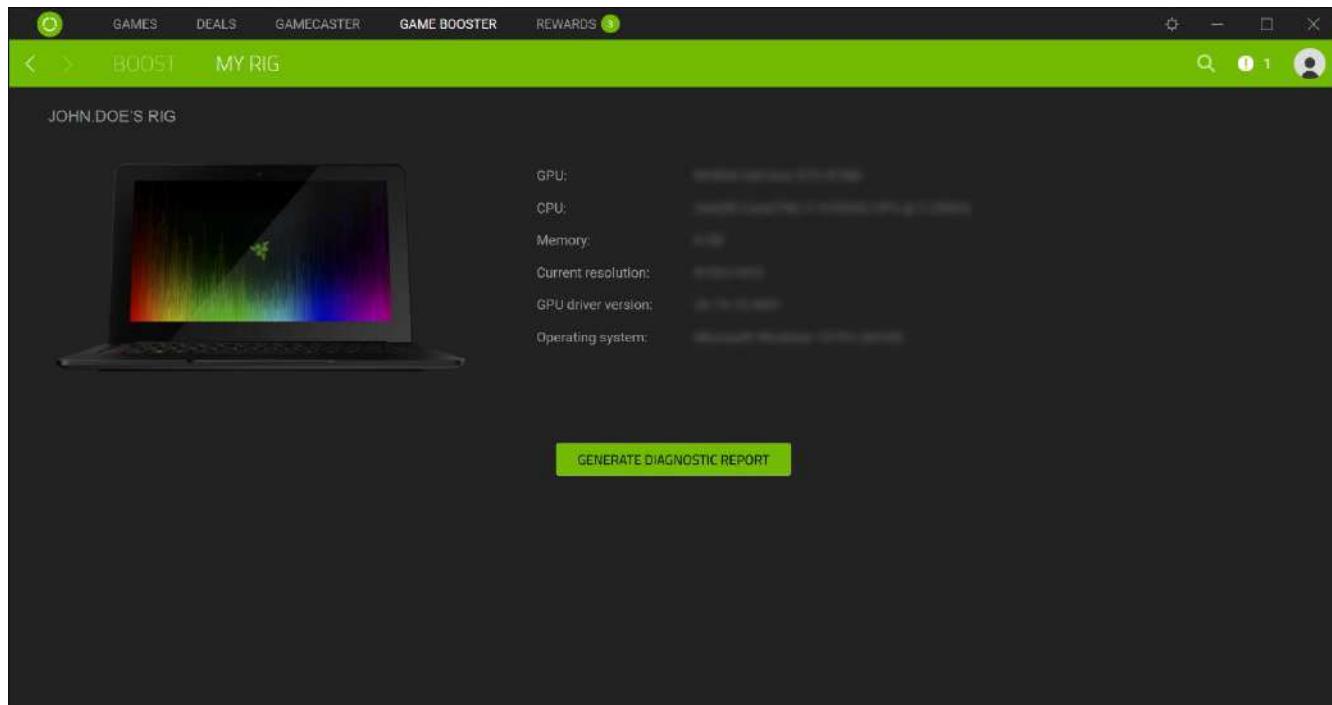


To manually include a game, click ADD GAME and locate your game's executable file. To defrag specific games from the list, select a game from the list and click its corresponding DEFRAZ button. You can also remove a game from the defragment files list by selecting a game and clicking its corresponding button.

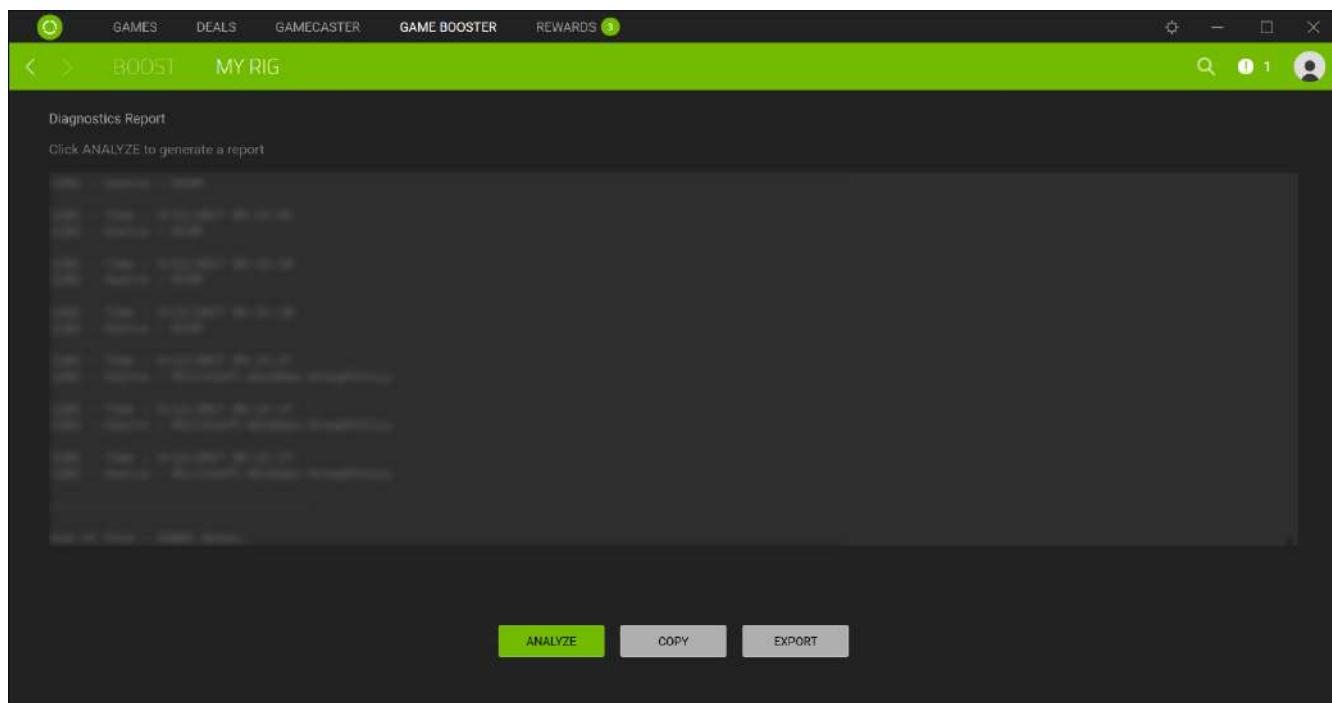
Note: The defragment function is disabled for games stored on Solid State Drives (SSDs).

MY RIG

Aside from providing brief system information, MY RIG allows you to generate a diagnostic report which includes information regarding your PC's hardware, software and other error messages encountered.



Click the GENERATE DIAGNOSTIC REPORT button to view the diagnostics report interface, then click ANALYZE to begin the diagnostics.



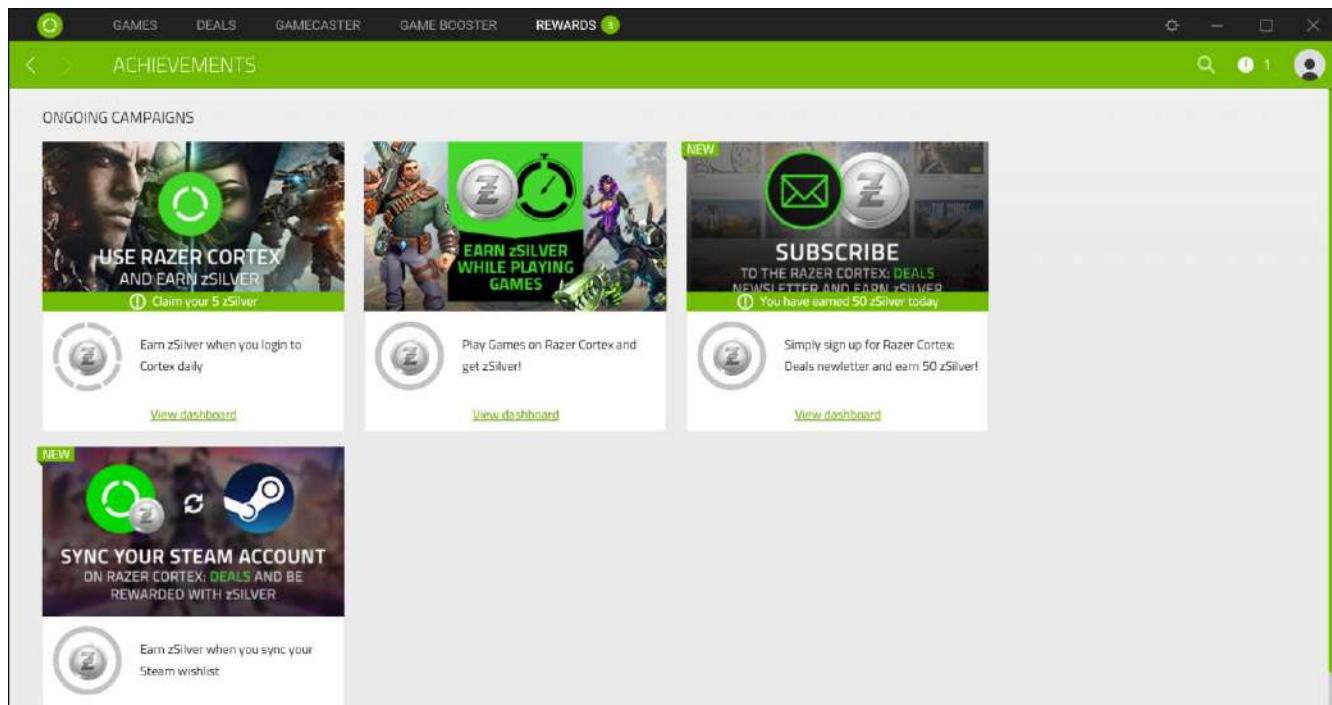
Once a diagnostic report has been generated, you may click COPY to copy the report to clipboard or click EXPORT to save the report into a .txt file.

You can use this report to analyze the operation of your computer and pinpoint errors that you currently experience. Alternatively, you can even upload the report to online forums or websites to discuss and seek assistance from the online gaming community.

9. RAZER CORTEX: REWARDS

The Razer Cortex: Rewards tab displays Razer's ongoing campaigns and/or promotions you can participate in to earn zSilver – a loyalty virtual currency backed by Razer which you can earn whenever using services from Razer and Partners.

The number next to the REWARDS tab indicates the amount of ongoing campaigns and other **exclusive Razer promotions you haven't claimed or checked yet**. We recommend checking the REWARDS tab immediately whenever you see this notification.



Simply click on any of the available promotions or campaigns to view its respective dashboard and see the conditions required to participate.

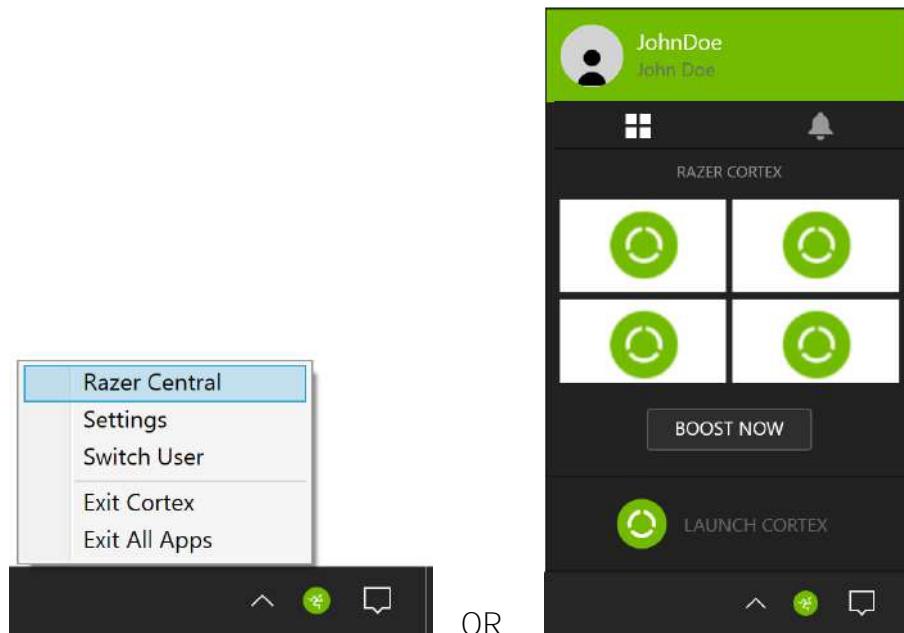
10. RAZER CENTRAL

Razer Central allows you to use a single Razer ID across all your Razer applications. You can now update your Razer ID profile and account settings, link multiple social media and streaming accounts of your choice, quickly access and update various Razer applications in one click, and stay up to date with the latest Razer promotions and software updates available.

i Note: Razer Central is automatically installed whenever installing Razer Cortex, and continuously runs at background even if you have already closed the Razer Cortex window.

ACCESSING THE RAZER CENTRAL WINDOW

To access the Razer Central window, you can either right click on the Razer Central  icon on the system tray and click Razer Central; or click the Razer Central  icon, and then your Razer ID on the expanded system tray.

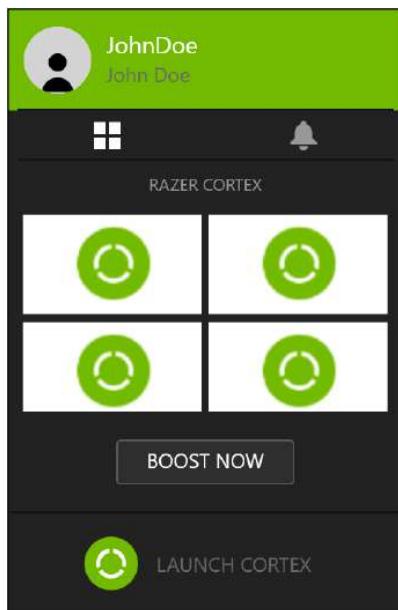


THE EXPANDED SYSTEM TRAY

Razer Central's expanded system tray provides quick accessibility to Razer Cortex and/or the Razer Central window. This feature provides access to Razer Cortex's recently played games including its Game Booster's BOOST function. It also allows you to preview notifications about Razer software updates and promotions selected on Razer Central's settings.

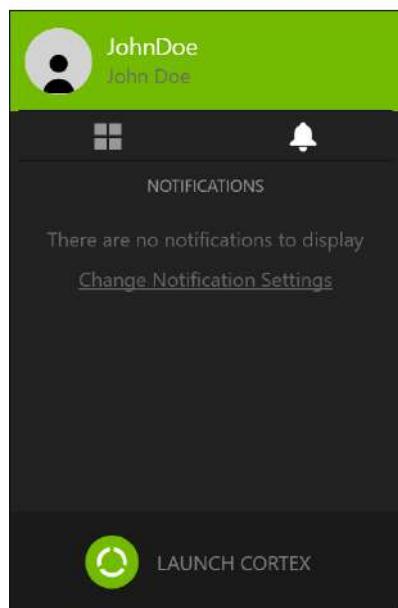
To show the expanded system tray, simply click the Razer Central  icon on the system tray.

Clicking your Razer ID will open the Razer Central window, while the LAUNCH CORTEX button will launch Razer Cortex.



The Razer Cortex tab, accessible by clicking the  icon on the expanded system tray, allows you to launch any of Razer Cortex's recently played games and/or use Game Booster's BOOST NOW/RESTORE function.

-  Note: The BOOST NOW / RESTORE function will only be accessible when Razer Cortex is running.



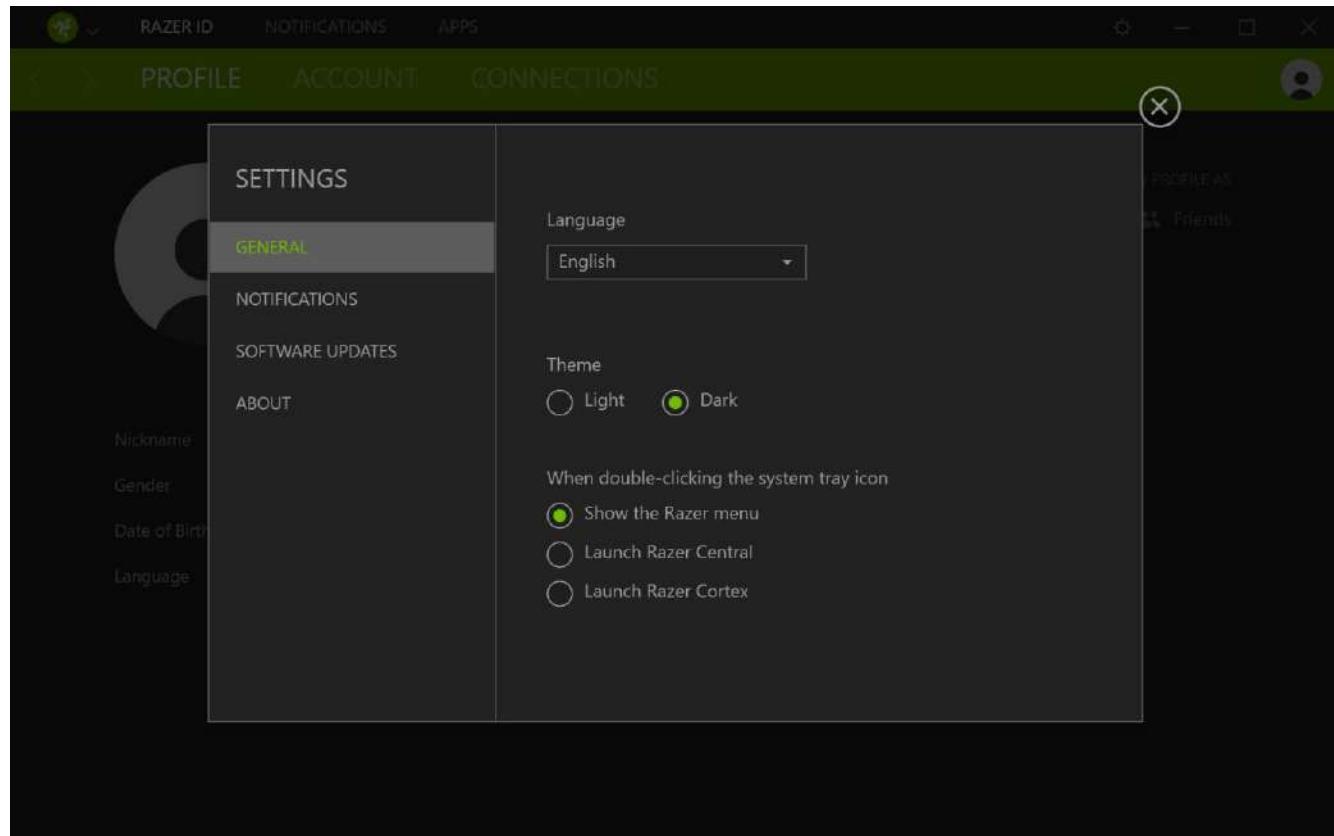
The NOTIFICATIONS tab, accessible by clicking the Notifications  icon on the expanded system tray, displays the available notifications you have selected on Razer Central's settings.

-  Note: Razer Central has its own SETTINGS  icon. You can change the Razer Central's *notifications settings* under its own SETTINGS  > NOTIFICATIONS.

MANAGING THE SETTINGS

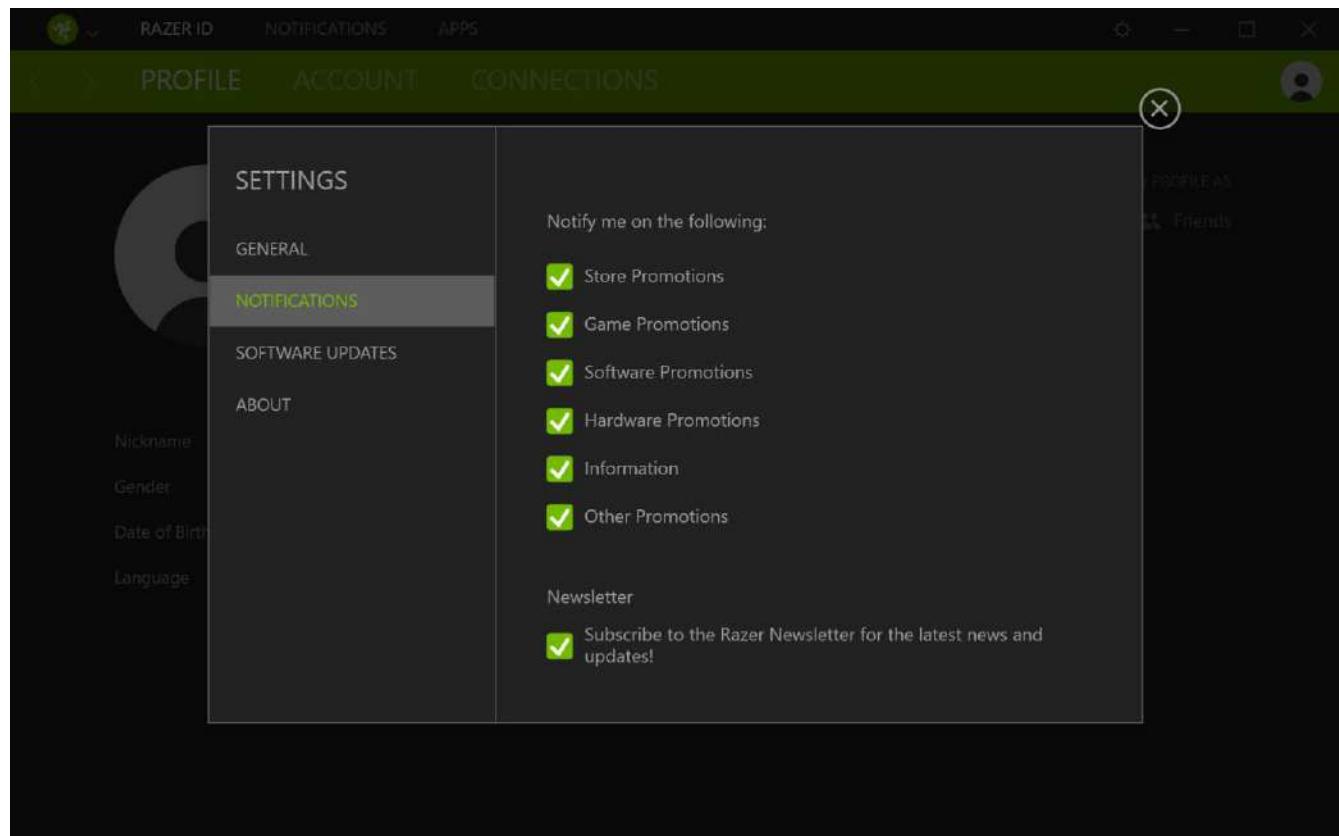
Razer Central has its own settings accessible through its window's  button. These settings will help you manage Razer Central's behavior and displayed notifications.

Use the GENERAL tab to change Razer Central's language display, switch color theme, and determine what the system tray  icon will launch or do once double-clicked.

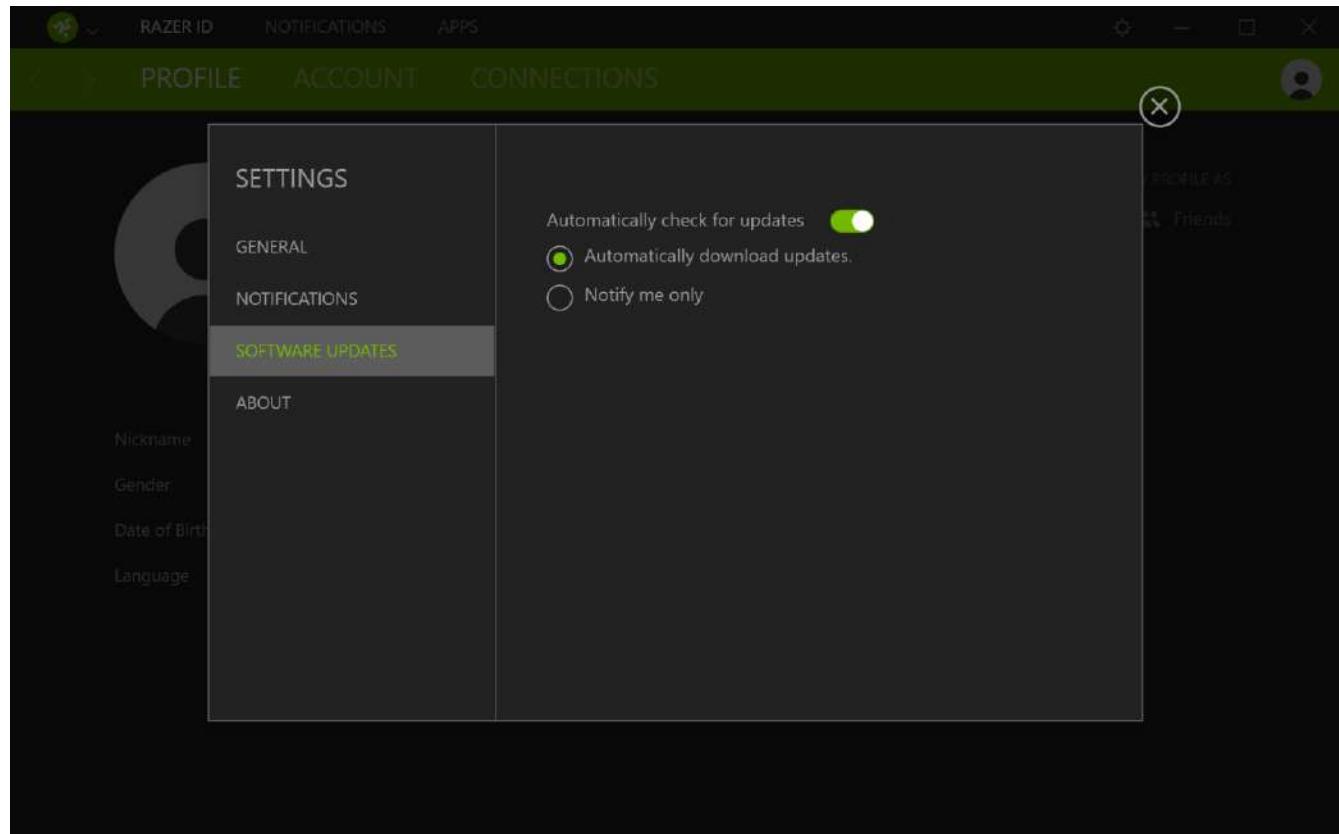


Note: Razer Central and Razer Cortex each have their own SETTINGS page. You may also change *the color theme under your avatar's drop-down list's Theme toggle*.

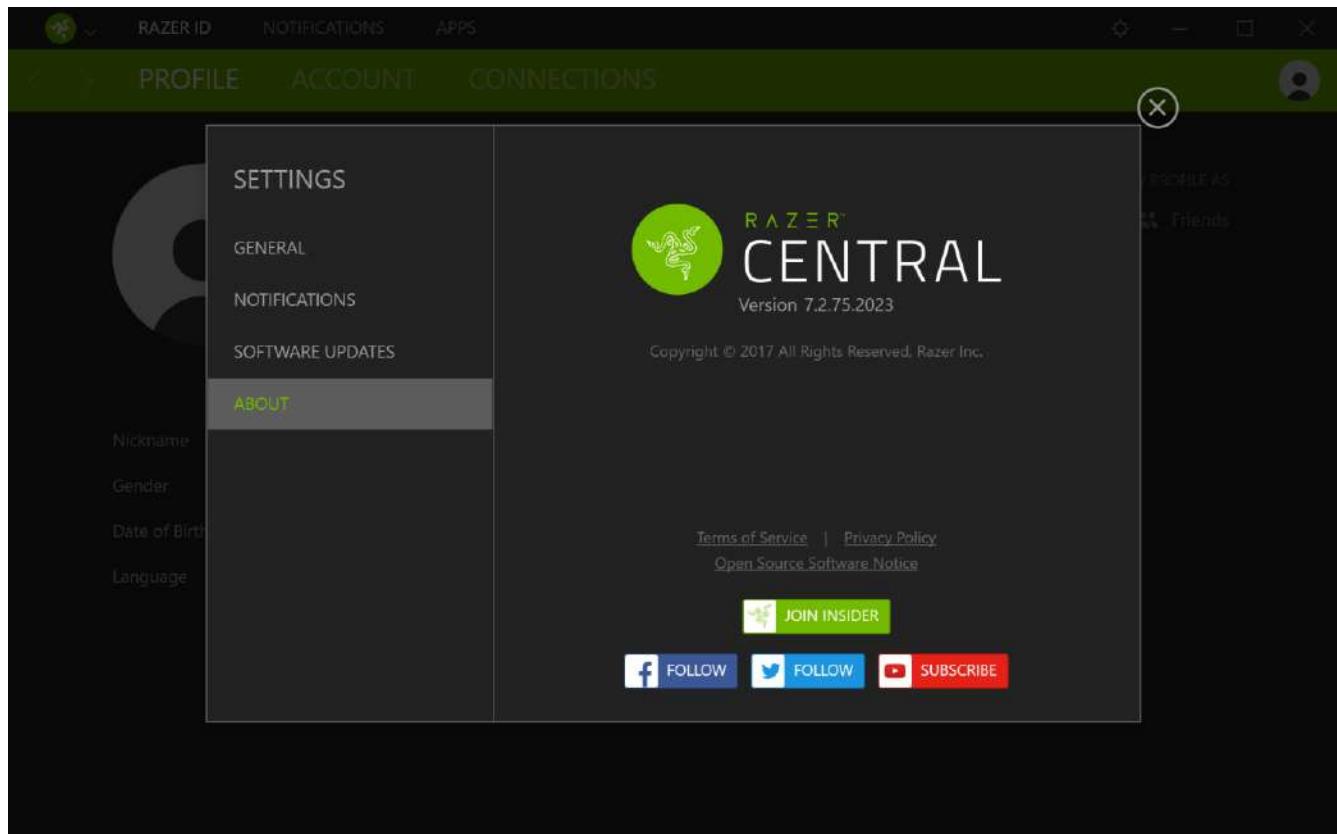
Use the NOTIFICATIONS tab to control the promotions seen on Razer Central's NOTIFICATIONS tab and its expanded system tray. You can also use this tab to subscribe to the Razer Newsletter and get access to the latest news and updates.



Use the SOFTWARE UPDATES tab to change the software's behavior in checking for updates, and what it will do if an update is available. You can have these updates automatically downloaded or simply set as notifications.

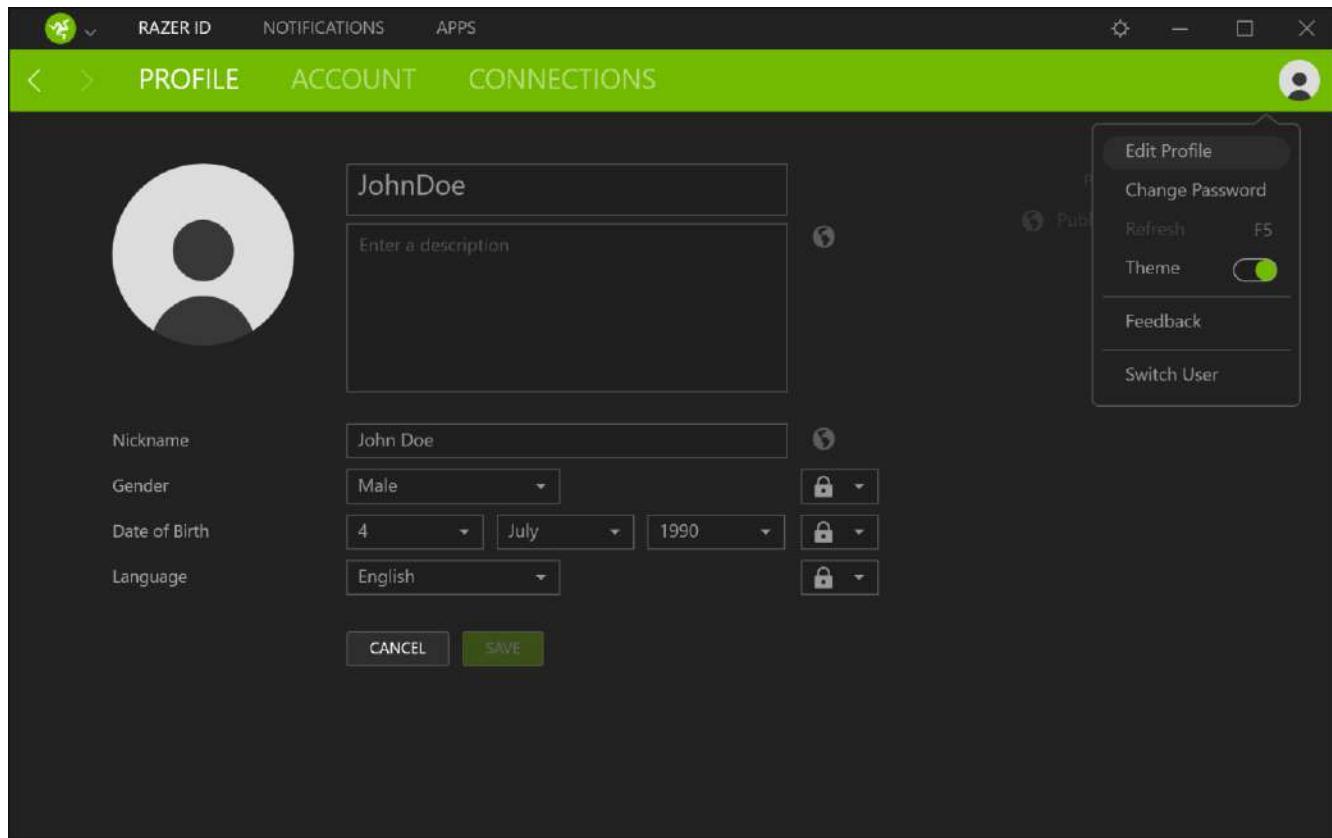


Use the ABOUT tab to view the Razer Central version, terms of service, and privacy policy. You may also use this tab as a quick access to Razer's social communities.



EDITING YOUR PROFILE

The PROFILE tab is Razer Central's default window. This tab enables you to change or edit your Razer ID profile. You may click on any provided field to make all fields editable, or click on your avatar on the upper right hand corner of the Razer Central window and select Edit Profile on the drop-down list.



The Description and Nickname fields (marked with) are permanently visible to public. To change the preferred visibility of the remaining fields, you can use each field's corresponding drop-down list. You can mark each field as:

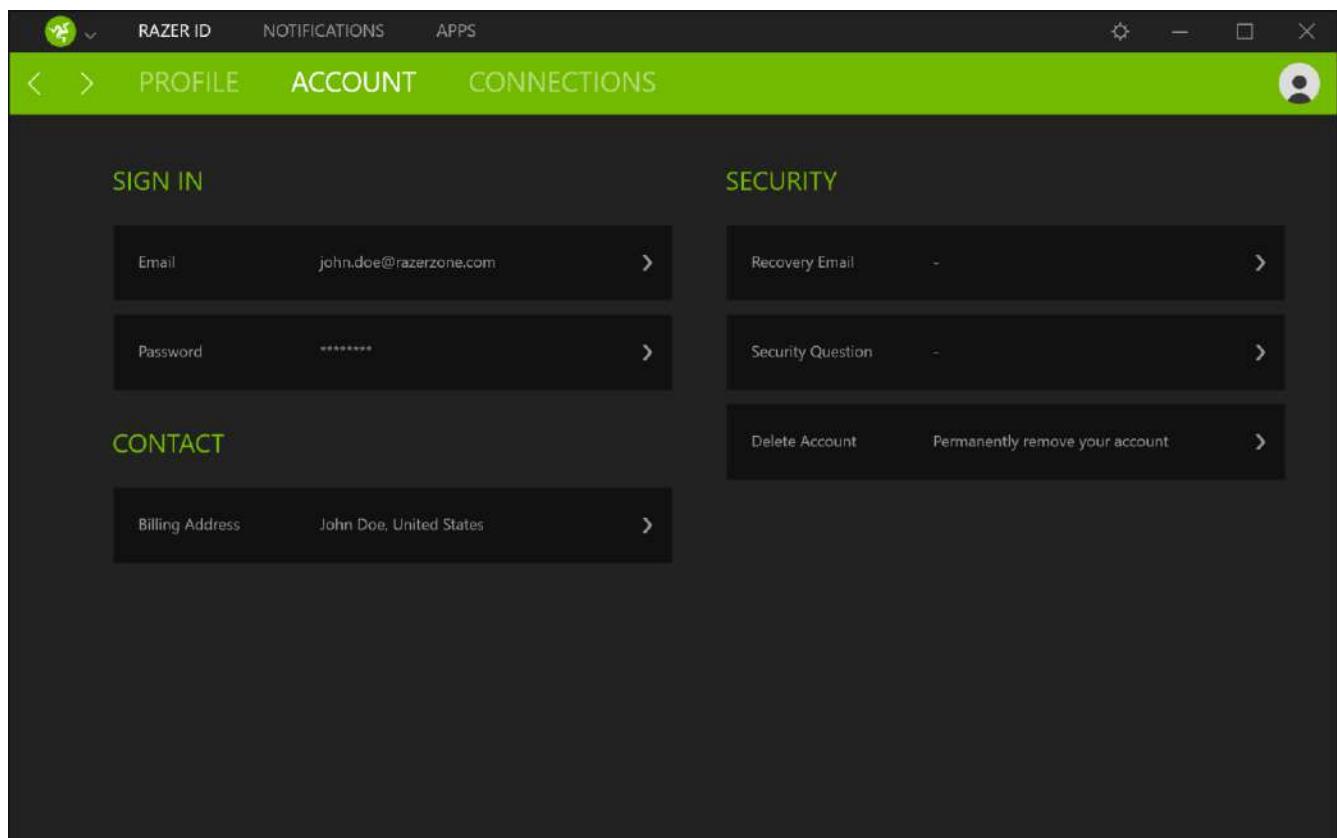
- to make it visible to the public
- to make it visible to your friends
- to make the selected field(s) private

Click SAVE to apply changes. You can also view the visibility of fields through the PREVIEW PROFILE AS section buttons, located at the upper right hand portion of the Profile tab.

Note: To refresh the PROFILE page, you may either click your avatar on the upper right hand corner of the screen, then click Refresh on the drop-down list; or press F5.

CHANGING YOUR ACCOUNT'S SETTINGS

The ACCOUNT tab allows you to manage your sign in and security settings. Use this page to change the connected email address, modify your account's sign in password, update your billing address, assign a new recovery email and security question to your account, or permanently delete your account.

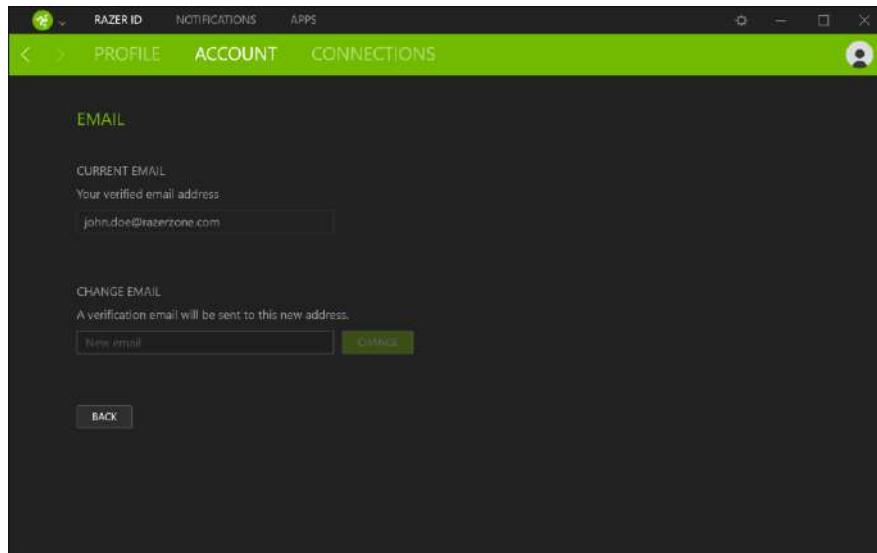


i Note: To refresh the ACCOUNT page, you may either click your avatar on the upper right hand corner of the screen, then click Refresh on the drop-down list; or press F5.

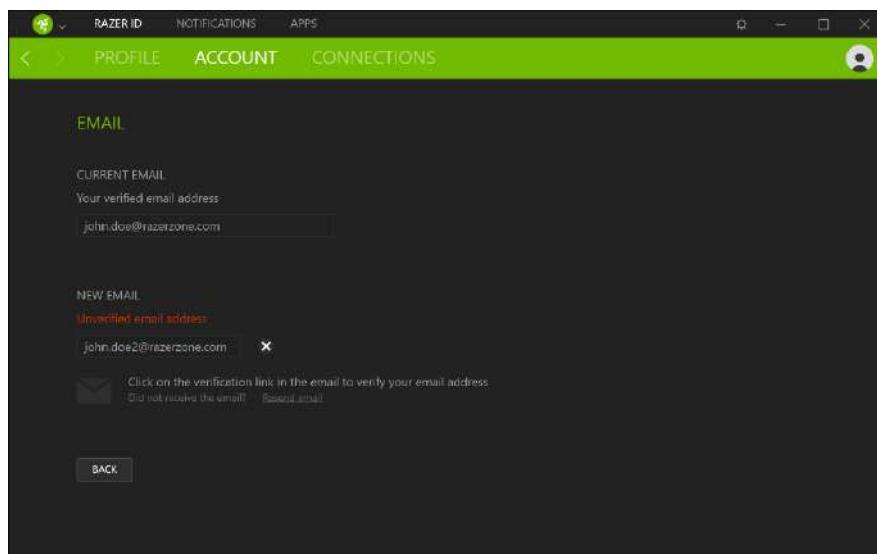
Changing your email address

If you want to change the connected email address to your Razer ID:

1. On the RAZER ID > ACCOUNT tab, click Email.



2. Enter the new email address you would like to use for your Razer ID on the New Email field, then click CHANGE to confirm the email.



3. Check your email inbox for a verification email from Razer, then click the provided link in the email.



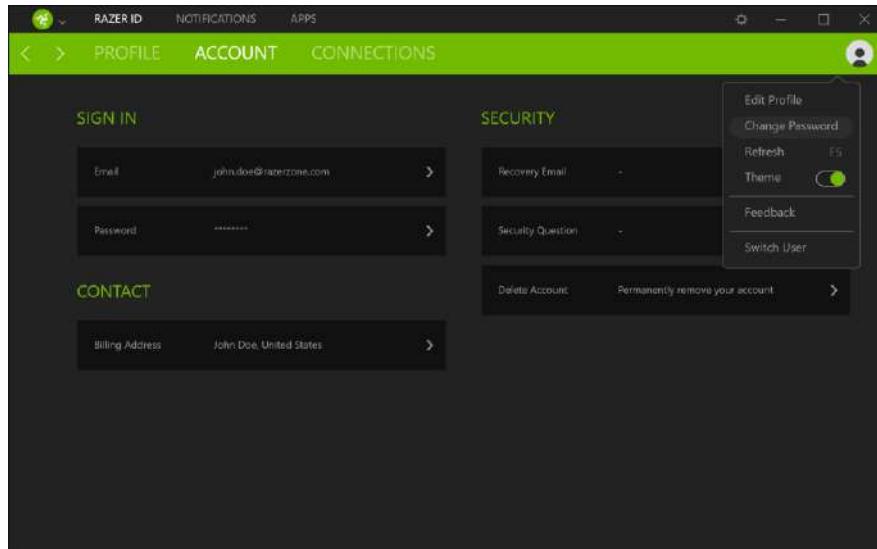
Note: If you did not receive any email, click the resend email link to resend the account verification email again.

4. Return to Razer Central and refresh the page. Your Razer ID account will now be using the new email address.

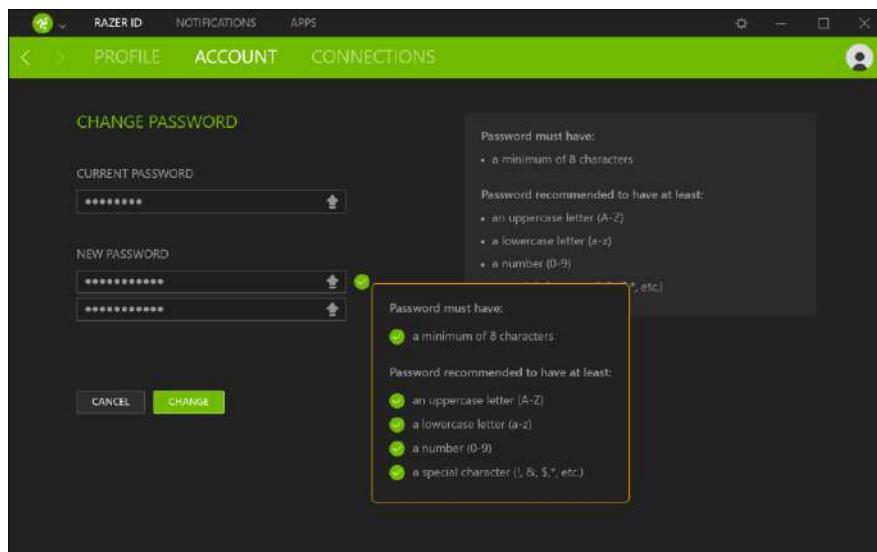
Changing your Razer ID password

If you want to change your Razer ID password:

1. On the RAZER ID > ACCOUNT tab, click Password. You may also access the Change Password page through your avatar's drop-down menu.



2. Enter your CURRENT PASSWORD, then enter and re-enter the NEW PASSWORD on the fields provided.



Note: If the CHANGE button remains unclickable, please make sure that the password requirements have been fulfilled and the password has been re-entered correctly.

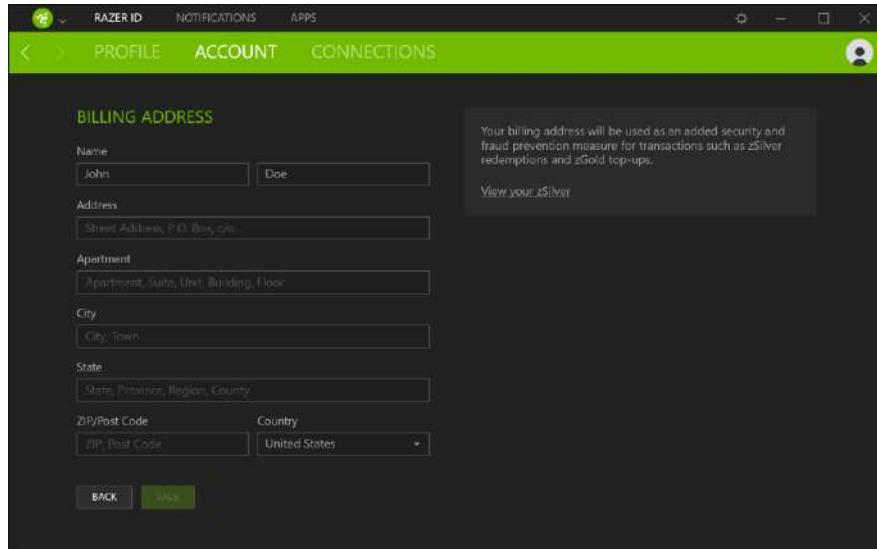
3. Click CHANGE to apply changes.

Updating your billing address

Since your billing address will be used as an added security and fraud prevention measure for Razer transactions, updating these details (whenever there are changes) are necessary.

To update your billing address:

1. On the RAZER ID > ACCOUNT tab, click Billing Address, then update the fields that you want to change.



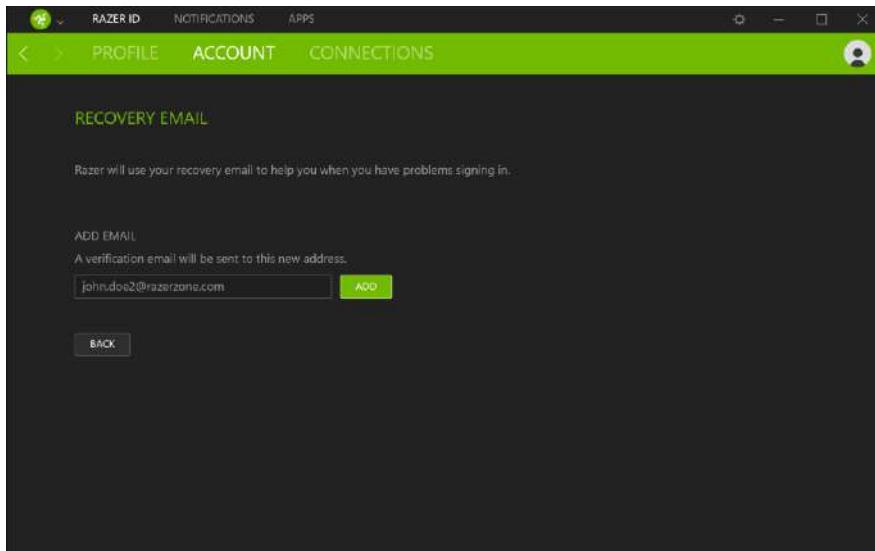
2. Click SAVE to apply changes.

Setting/Changing a recovery email

Adding a recovery email to your Razer ID allows you to have an alternative password retrieval method if you forget your password on your next sign in.

To set a recovery email for your Razer ID:

1. On the RAZER ID > ACCOUNT tab, click Recovery Email.
2. Enter the preferred recovery email on the field provided, then click ADD to confirm.



3. Check your email inbox for a verification email from Razer, then click the provided link in the email.

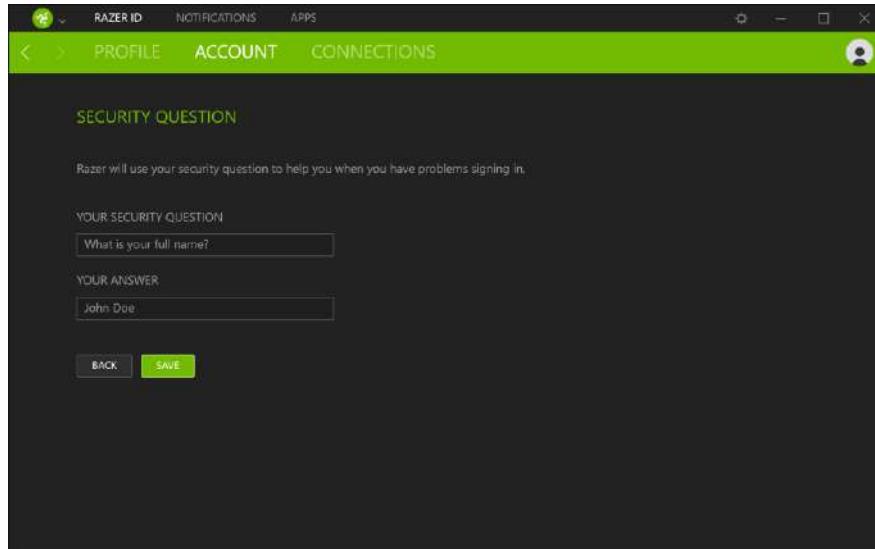
i Note: If you did not receive any email, click the resend email link to resend the account verification email again.

4. On Razer Central's ACCOUNT tab, refresh the page. The Recovery Email section will now display the recovery email.

Setting/Changing the security question

You can also set security question for your account as an added password retrieval method just in case you forget your password on your next sign in. To add a security question to your account:

1. On the RAZER ID > ACCOUNT tab, click Security Question.
2. Enter your preferred security question on the Security Question field, then enter the answer on its corresponding field.

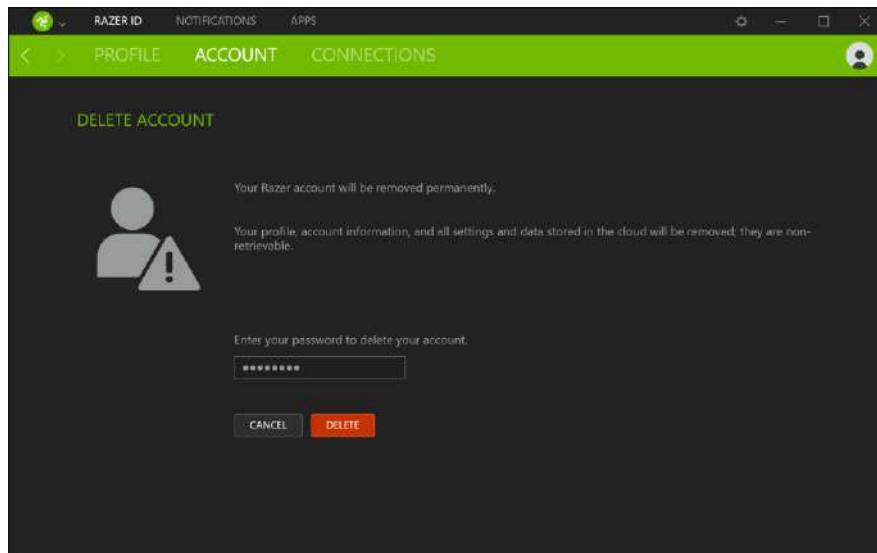


3. Click SAVE to save changes. The security question will now be seen on the ACCOUNT tab.

Deleting your account

If needed, you can permanently delete your Razer ID.

1. On the RAZER ID > ACCOUNT tab, click Delete Account.
2. Enter your Razer ID password on the field provided, then click DELETE.

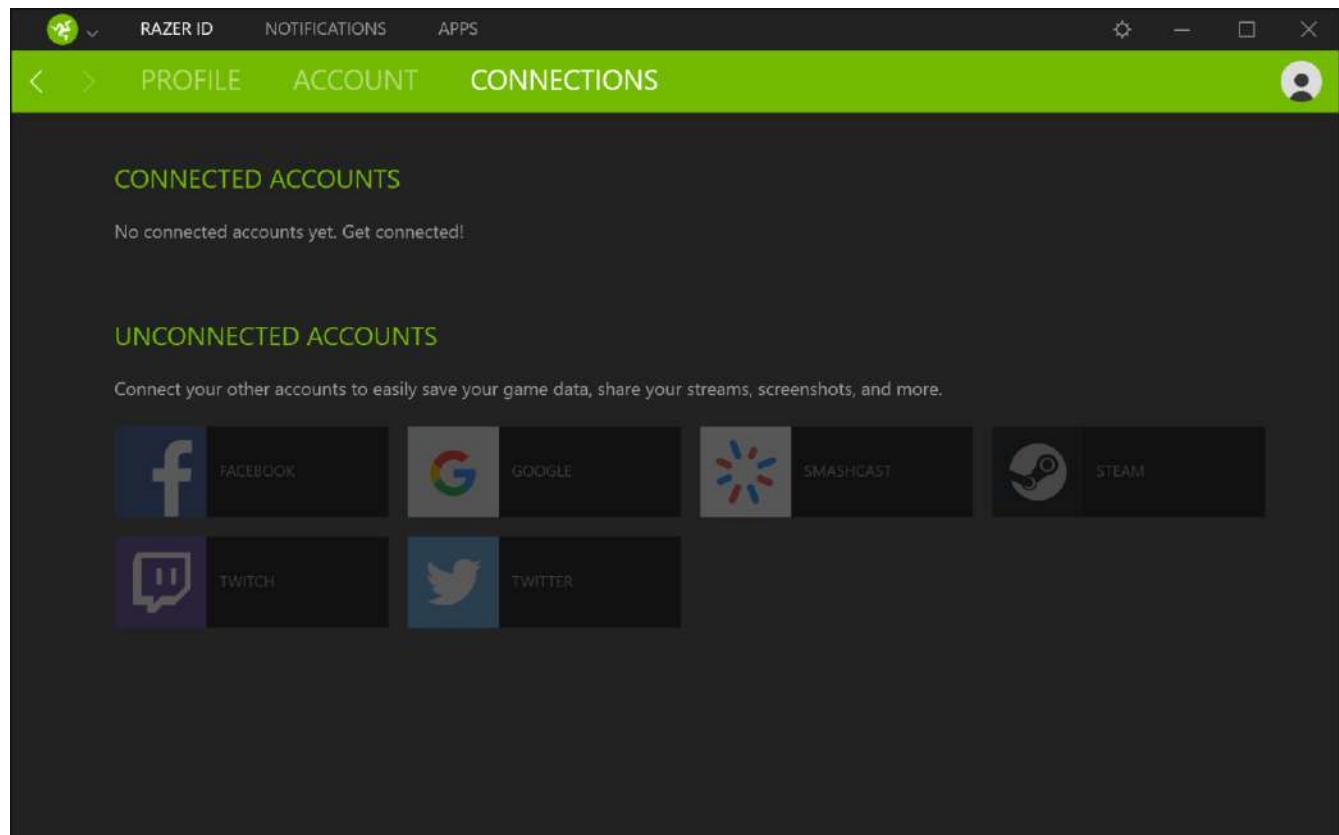


i Note: Deleted accounts are NON-RETRIEVABLE. All account information and data connected to your profile will be deleted permanently.

CONNECTING SOCIAL MEDIA / STREAMING ACCOUNTS

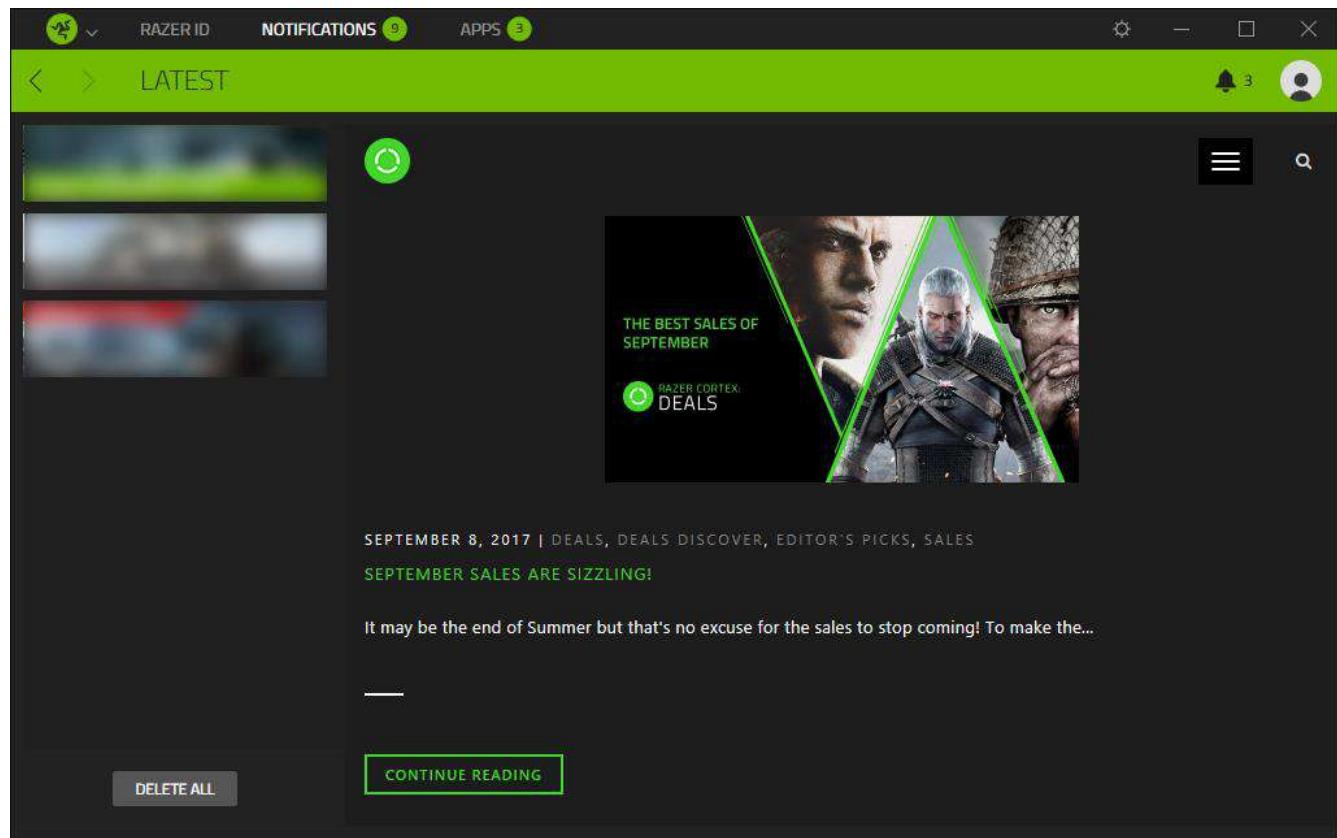
To easily share screenshots, game recordings, and even your live streams in just one click, having multiple social media and/or streaming accounts ready at hand is essential.

The CONNECTIONS tab allows you to connect social network and streaming accounts to your Razer ID. To do this, click the account you want to connect to your Razer ID, then authorize Razer Central to use your account by logging in to the account you want to use. The account will automatically be added to the CONNECTED ACCOUNTS list.



MANAGING NOTIFICATIONS

The NOTIFICATIONS tab allows you to see all the promotions you asked for in one single window. From the latest store promotions, to the hottest hardware promotions – as long as these are set to notify you on the SETTINGS > NOTIFICATIONS, you'll continue receiving the latest and greatest of notifications here.

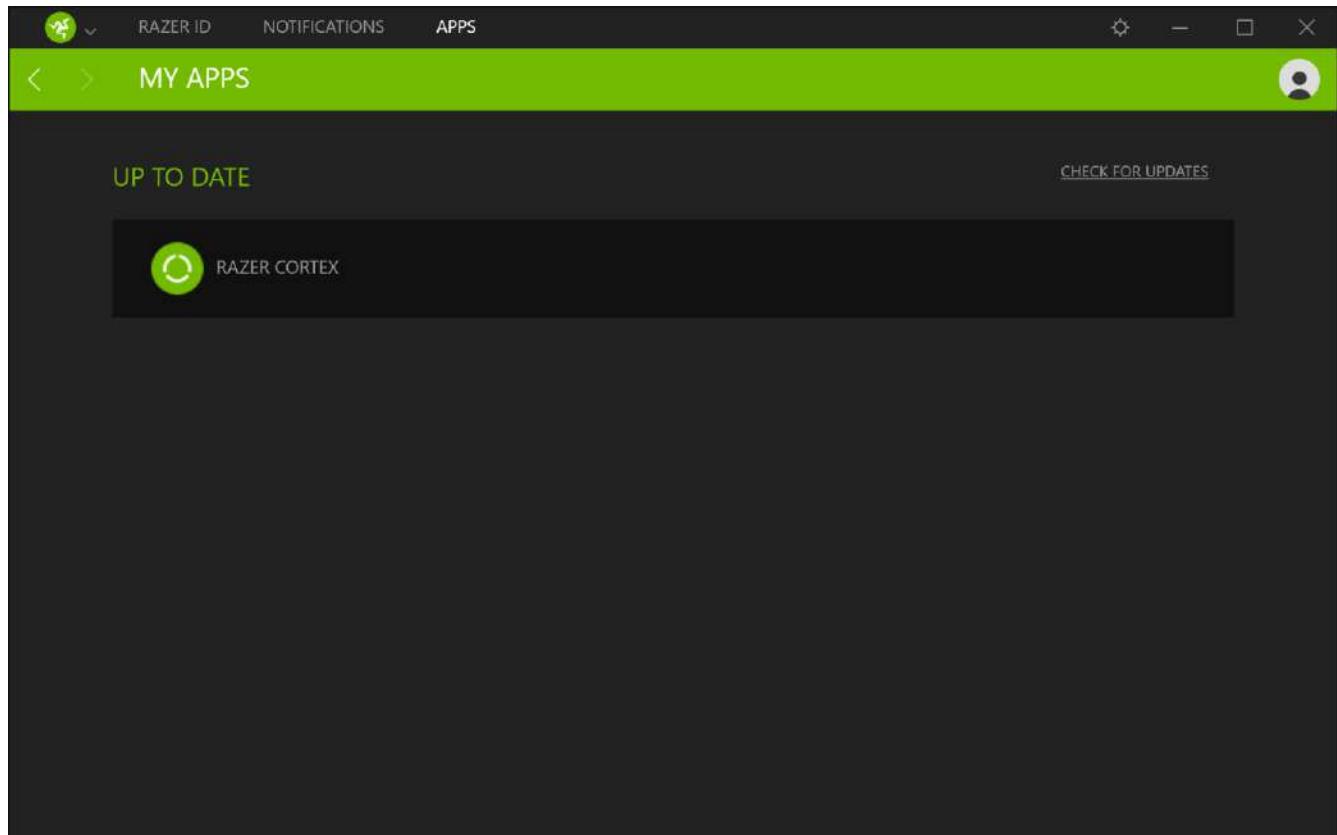


i Note: To refresh the displayed notifications, you may either click your avatar on the upper right hand corner of the screen, then click Refresh on the drop-down list; or press F5.

UPDATING RAZER APPLICATIONS

Razer Central will automatically update you if any of your Razer applications can be updated. This can immediately be seen on the Razer Central  icon on your system tray, on the NOTIFICATIONS tab on Razer Central's expanded system tray, and is also reflected on Razer Central's APPS tab.

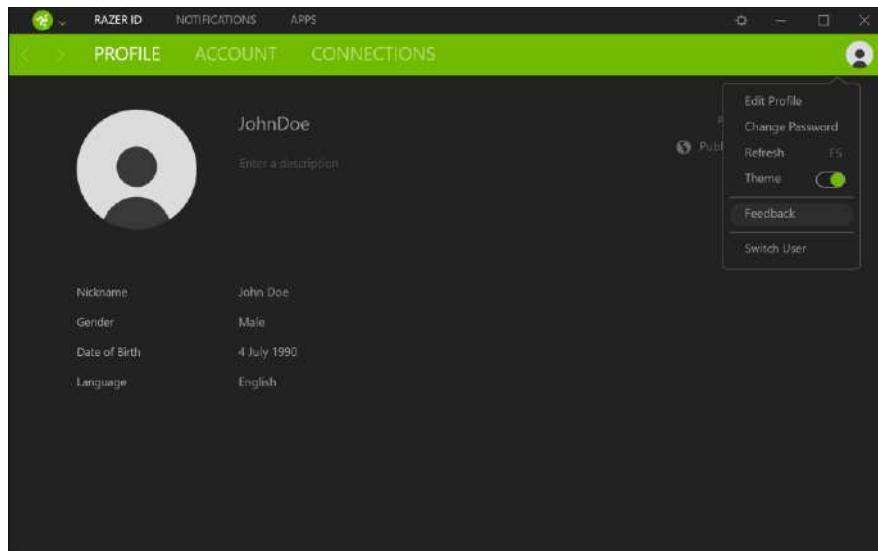
If an update is present, simply go to the APPS tab then click the corresponding UPDATE button of the Razer application that you want to update.



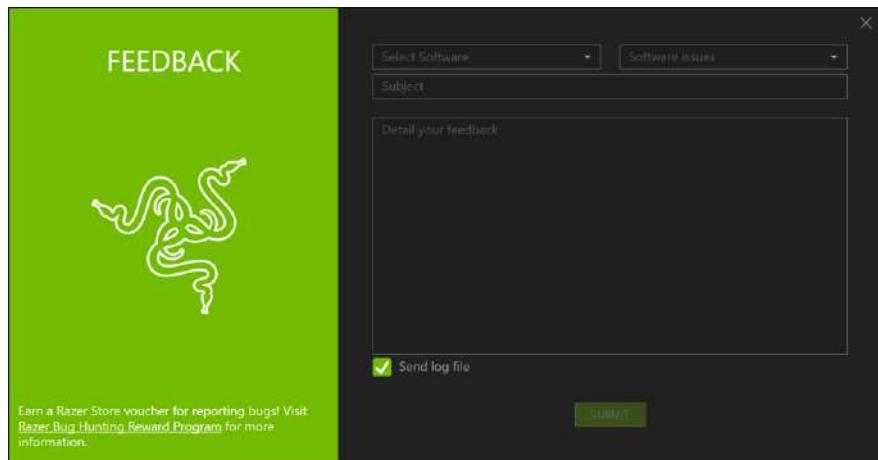
SUBMITTING FEEDBACK

Razer Central has an inbuilt function that allows users to send feedback and report problems to our Razer Support Team. To send a feedback:

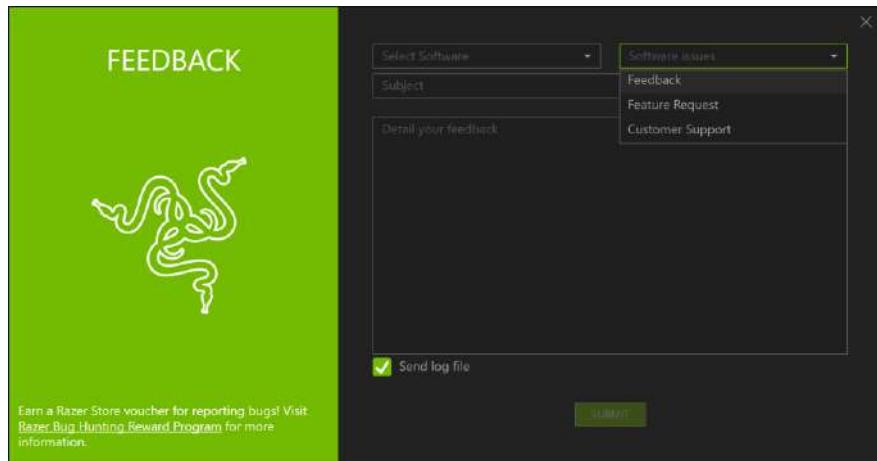
1. Click your avatar then select Feedback on the drop-down list.



2. Select the Razer software that you want to provide a feedback on.



3. Select the category of Feedback that you want to provide.



You may select any of the provided categories below:

- Feedback to submit a general feedback;
- Feature Request to suggest additional features for the selected Razer software;
- Or Customer Support to report a bug.

5. Describe your feedback in the field provided, and then click SUBMIT to send your feedback to the Razer Support Team.



Note: By default, the selected software's log file will automatically be included with the feedback form. You can opt to remove the log file from the feedback by disabling the 'Send log file' checkbox.

11. LEGALESE

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