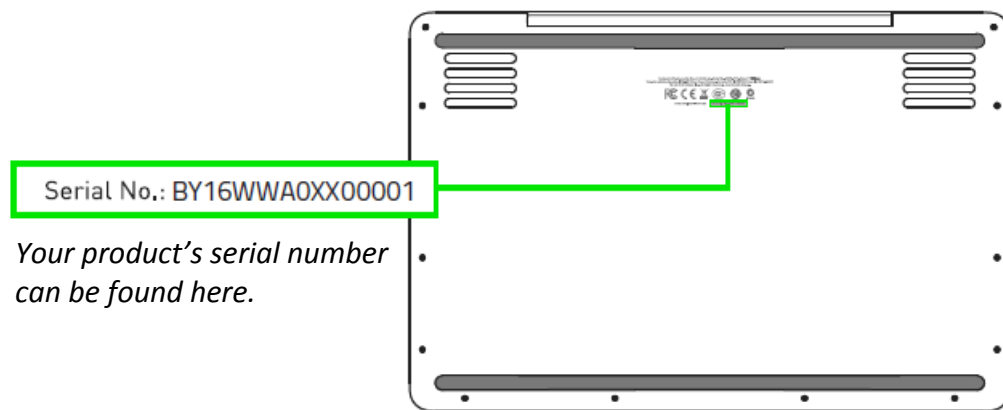# User Manual
(Model: RZ09-0220)

1. PACKAGE CONTENTS / REGISTRATION / TECHNICAL SUPPORT

PACKAGE CONTENTS
- Razer Blade Pro (Model: RZ09-0220)
- Power adapter + regional power cord
- Micro-fiber cleaning cloth
- Important Product Information Guide

REGISTRATION

Serial No.: BY16WWA0XX00001

Your product's serial number can be found here.

Visit razerzone.com/razer-id to sign up for a Razer ID now to get a wide range of Razer benefits. For example, get real-time information on your product's warranty status via Razer Synapse. To learn more about Razer Synapse and all its features, visit razerzone.com/synapse. If you already have a Razer ID, register your product by clicking on your email address within the Razer Synapse application and select Warranty Status from the dropdown list. To register your product online, visit razerzone.com/registration. Please note that you will not be able to view your warranty status if you register via the website.
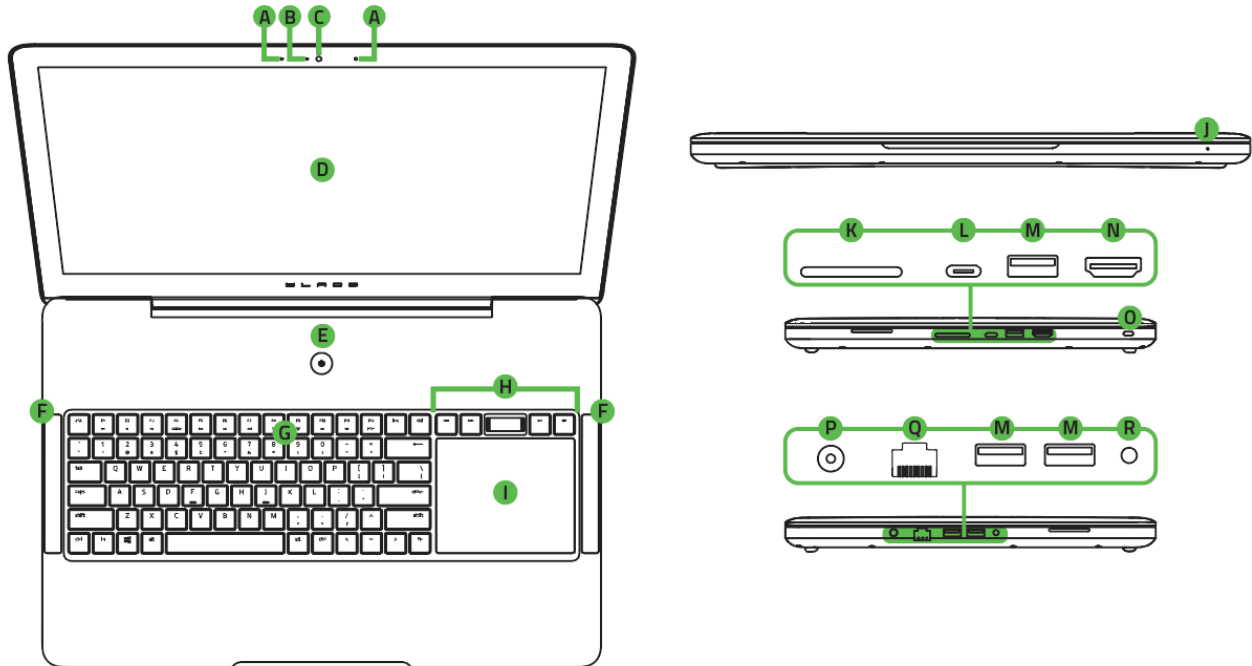
TECHNICAL SUPPORT
What you'll get:
- 1 year limited manufacturer's warranty.
- 1 year limited battery warranty.
- Access to manual and free online technical support at razersupport.com.

For further assistance, please visit **razersupport.com/contact-us**.

## 2. DEVICE LAYOUT

A. Array microphone
B. Webcam indicator light
C. 2.0 MP webcam
D. 17.3" IPS Full HD display
E. Power button
F. Stereo speakers
G. Anti-ghosting keyboard
H. Multimedia keys with volume scroll wheel
I. Multi-touch trackpad

J. Front LED power indicator
K. SDXC card reader
L. Thunderbolt™ 3 port (USB-C™)
M. USB 3.0 ports x3
N. HDMI port
O. Kensington™ security slot
P. DC power port
Q. Ethernet (RJ-45) port
R. 3.5mm combo port

3. SETTING UP YOUR RAZER BLADE PRO

Connect the Power Adapter as follows:
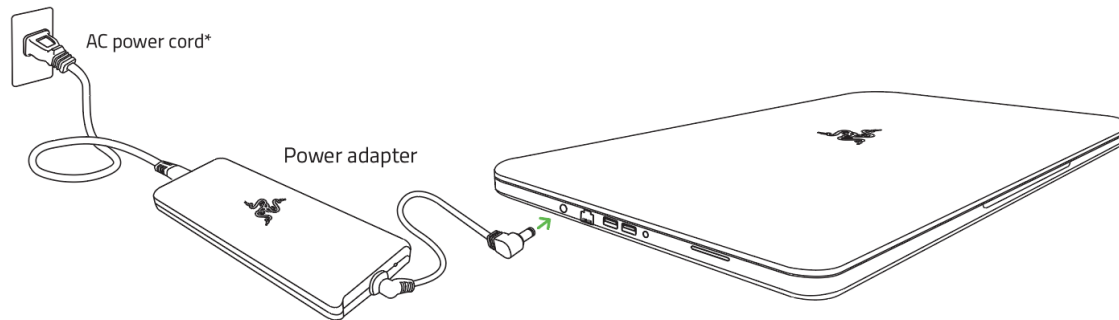
Make sure that the AC plug is properly inserted into the power outlet and the power adapter. An indicator will light up to show that the adapter is receiving appropriate power. Insert the power adapter's connector into the Razer Blade Pro's power port.
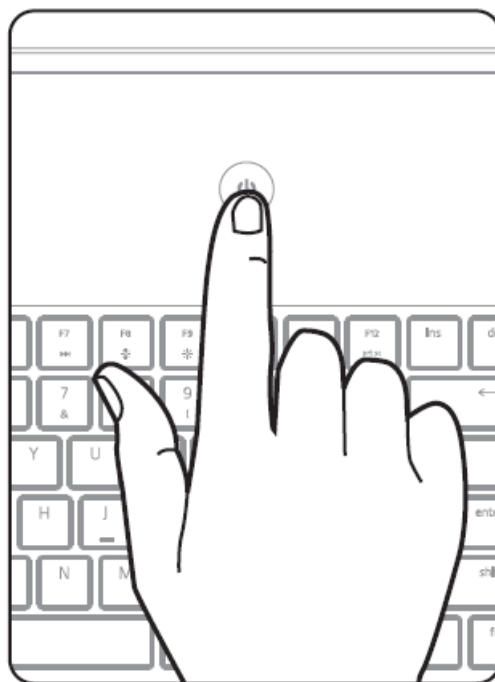

Press the power button to turn on your Razer Blade Pro. For first time use, please fully charge your Razer Blade Pro or connect it to a power outlet before turning it on. It takes approximately 3 hours to fully charge the Razer Blade Pro.
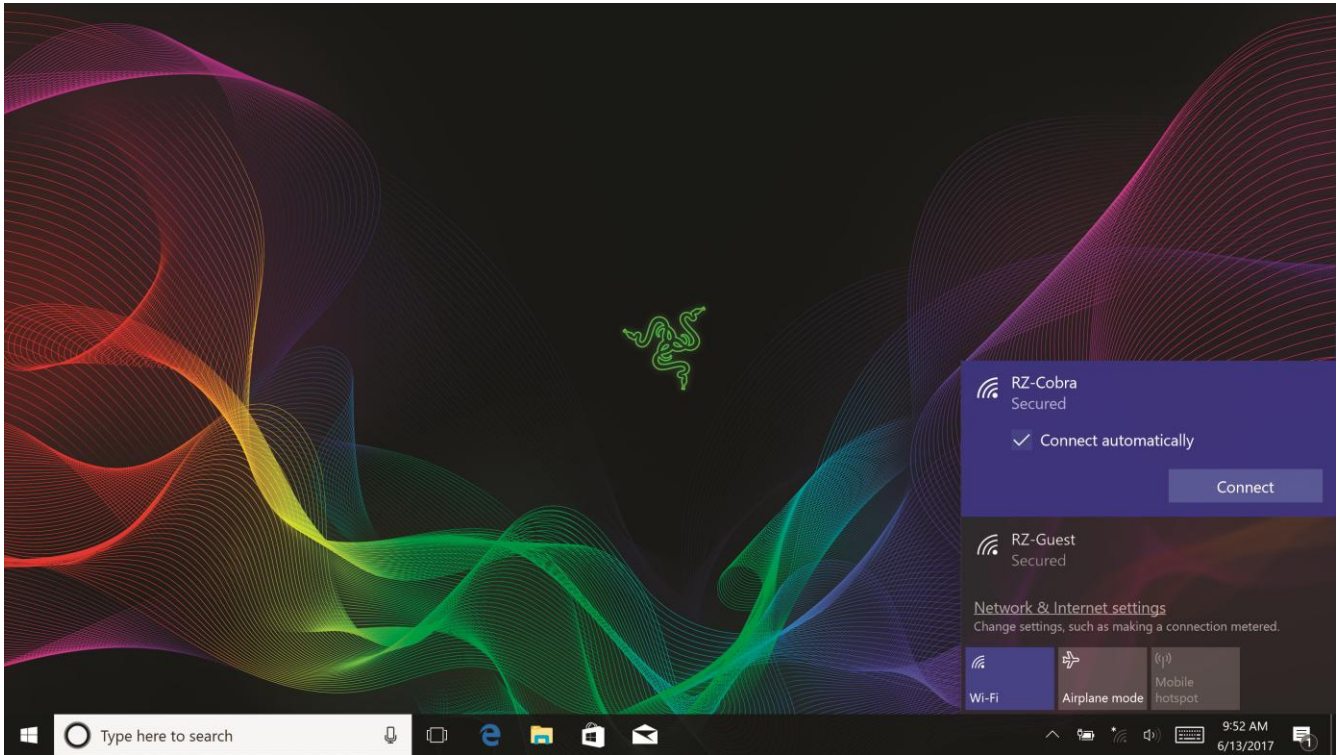
CONNECTING TO THE INTERNET

Disclaimer: The screens shown are subject to change based on the current version of your Operating System.
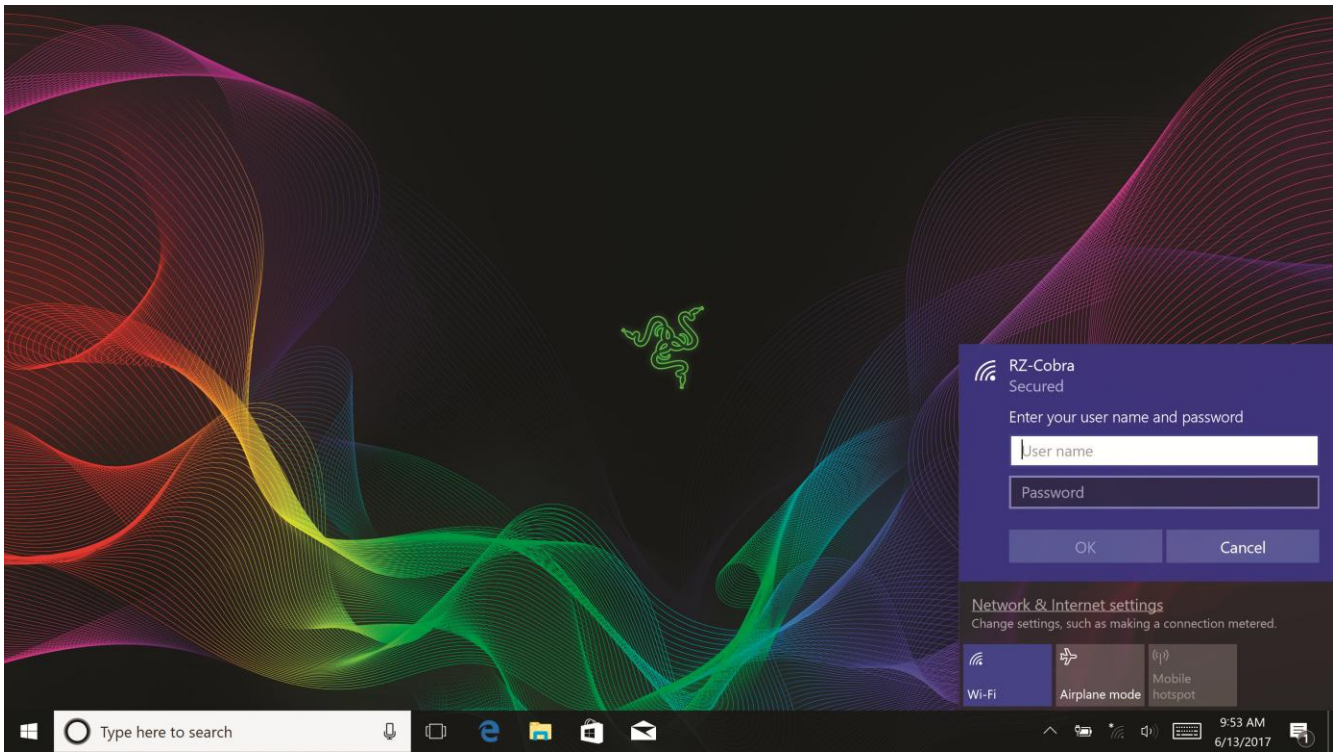
1. Click the wireless network icon ( ) to bring up the wireless network list. The system will automatically search for wireless networks in range.
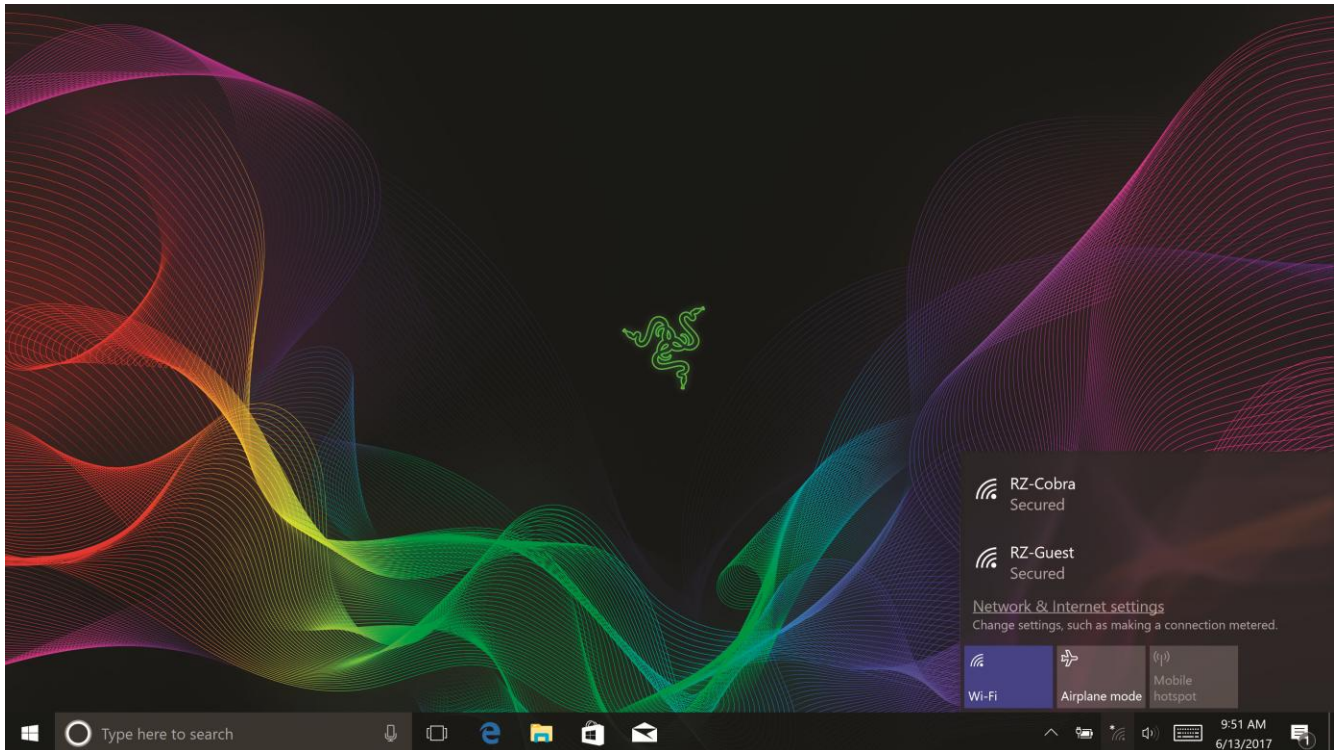
2. Click the network you wish to connect to and click **Connect**.

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

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

RAZER SYNAPSE ACCOUNT CREATION & INSTALLATION

Razer Synapse allows your Razer Blade Pro and other supported Razer peripherals to download drivers and firmware updates. Razer Synapse also enables your custom settings to be stored on cloud servers so that they can be accessed anytime, anywhere. In addition, Razer Synapse allows you to immediately register your product and get real-time information on your product's warranty status.
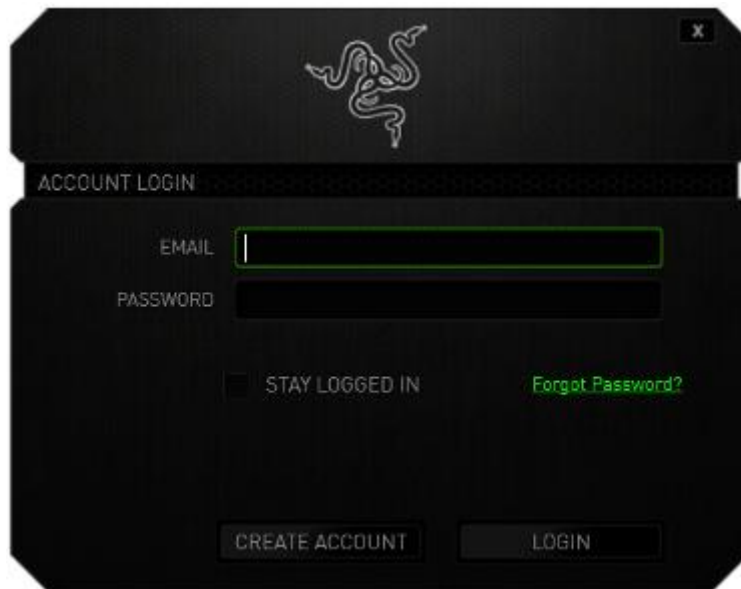
1. Razer Synapse will start automatically once you enter Windows 10.
2. Register for a Razer Synapse account and confirm your new account.
3. Open Razer Synapse and log into your account.
4. Wait until Razer Synapse automatically downloads and installs the necessary drivers.

4. USING YOUR RAZER BLADE PRO

STATUS INDICATORS

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

KEYBOARD FUNCTION KEYS

F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
◀×	◀⁾	◀⁾⁾	☐/➔	⏮	⏯	⏭	☼	☼	⚊	⚊	prt sc
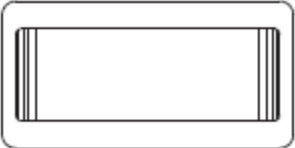
Pressing the "FN" key in combination with the function keys will activate their secondary functions.

Function key	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's screen.
⚊ ⚊	The LED control keys allow you to decrease (⚊) or increase (⚊) the brightness of your keyboard's LEDs.

MULTIMEDIA TRACK PANEL FUNCTIONS
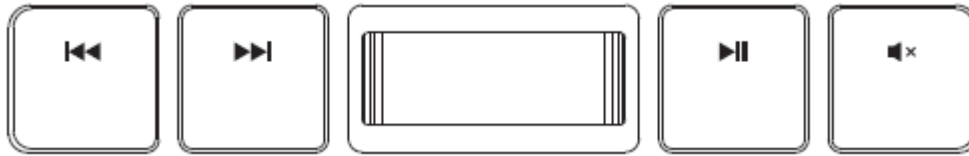
The Multimedia Track Panel allows you to quickly control your media. With Razer Synapse, you can change the functionality of the Multimedia Track Panel to mouse controls or even customize it to do other functions.

Track panel function	Description
⏮	Return to the previous track
⏭	Skip to the next track
(scroll wheel)	Scroll up to increase the volume, scroll down to decrease the volume, and press the scroll wheel to mute the audio output.
⏯	Play or pause the current track
🔇	Mute audio output

5. CONFIGURING YOUR RAZER BLADE PRO

Disclaimer: *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.*

LIGHTING TAB

The Lighting Tab on Razer Synapse allows you to customize your Razer device by allowing you to choose from different basic lighting effects or create your own using the Chroma Configurator. If you have other Razer Chroma-enabled devices, you can synchronize their basic lighting effects by clicking the [button icon] button.

Note:
• *Only devices that support the selected lighting effect will synchronize. LED indicators are not customizable.*
• *The brightness of your Razer Blade Pro's LEDs may also affect your device's battery consumption.*

Basic Lighting Effects

	Name	Description	How to set up
	Breathing	The lighting fades in and out of the selected color(s)	Select up to 2 colors or randomize colors
	Fire	Each key lights up in warm colors to mimic the motion of flames	No further customization required
	Reactive	The LEDs will light up when a key is pressed. The light will fade off after a specified period of time.	Select a color and a duration
	Ripple	On key press, light will ripple away from the pressed key	Select a color
	Spectrum cycling	The lighting will cycle between 16.8 million colors indefinitely.	No further customization required
	Starlight	Each key 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

Please refer to the Online Master Guide at razersupport.com for in-depth instructions on how to configure and use your Razer Blade Pro.

6. SAFETY AND MAINTENANCE

SAFETY GUIDELINES
In order to achieve maximum safety while using your Razer Blade Pro, 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 razersupport.com for support. Do not attempt to service or fix the device yourself at any time.

3. Do not take apart the device (doing so will void your warranty) and do not attempt to operate it under abnormal current loads.

4. 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 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.

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

The Razer Blade Pro contains an internal, lithium-ion polymer rechargeable battery. In general, the life expectancy of such batteries is dependent upon usage. Heavy daily usage use will result in shorter battery life. Casual use will extend battery life. If you suspect that the lithium-ion rechargeable battery inside the Razer Blade Pro may be drained (has a low charge), try charging it. If the battery does not recharge after several attempts, it may be non-operational. Dispose of batteries according to your local environmental laws and guidelines.

7. LEGALESE

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LIMITED PRODUCT WARRANTY
For the latest and current terms of the Limited Product Warranty, please visit razerzone.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.

COSTS OF PROCUREMENT

For the avoidance of doubt, in no event will Razer be liable for any costs of procurement unless it has been advised of the possibility of such damages, and in no case shall Razer be liable for any costs of procurement liability exceeding 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.

CE DECLARATION OF CONFORMANCE

Razer Inc. declares that the radio equipment type RZ09-0220 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.razerzone.com.

-Software version: Windows 10
-In all EU member states, operation of 5150-5350MHz is restricted to indoor use only.
-RF exposure (SAR): The device can safely be used with 5 mm to the human body.
-Receiver category: Category 2

WIFI/BT	Support	Max.power(dBm)
WIFI	2412-2472MHz	18.56
	5150-5250MHz	18.92
	5250-5350MHz	18.93
	5470-5725MHz	19.32
	5725-5850MHz	13.24
BT	2400-2483.5MHz(LE)	2.51
	2400-2483.5MHz(EDR)	6.91

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 www.razerzone.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:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This device complies with FCC SAR exposure limits set forth for an uncontrolled environment.

Canada Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage;
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 0mm between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 0mm entre le radiateur et votre corps."

the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems

les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) des bandes de 5250 à
5350 MHz et de 5650 à 5850 MHz et, d'autre part, que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs de RL-EL.

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.