



# Intel® Killer™ Intelligence Center – 3.6

**User Guide**

---

*April 2025*

*Revision 1.5*



**Notice:** This document contains information on products in the design phase of development. The information here is subject to change without notice. Do not finalize a design with this information.

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL'S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS' FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined." Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

Intel software products are copyrighted by and shall remain the property of Intel Corporation. Use, duplication, or disclosure is subject to restrictions stated in Intel's Software License Agreement, or in the case of software delivered to the government, in accordance with the software license agreement as defined in FAR 52.227-7013.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

The code names presented in this document are only for use by Intel to identify products, technologies, or services in development that have not been made commercially available to the public, i.e., announced, launched, or shipped. They are not "commercial" names for products or services and are not intended to function as trademarks.

Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Copies of documents which have an order number and are referenced in this document, or other Intel literature may be obtained by calling 1-800-548-4725 or by visiting Intel's website at <http://www.intel.com/design/literature.htm>.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See [http://www.intel.com/products/processor\\_number](http://www.intel.com/products/processor_number) for details.

Intel is a trademark of Intel Corporation or in the US and other countries.

\* Other brands and names may be claimed as the property of others.

Copyright © 2025 Intel Corporation. All rights reserved.

## Contents

<b>1</b>	<b>Killer™ Intelligence Center .....</b>	<b>6</b>
1.1	Starting Killer™ .....	6
1.2	Status.....	6
1.3	Current Network Traffic.....	7
1.4	Killer™ Optimizations.....	7
1.5	Killer™ Prioritization Engine .....	8
1.6	Wi-Fi Score by Access Point .....	8
1.7	Quick Settings.....	9
1.7.1	Prioritization Engine.....	10
1.7.2	Auto Bandwidth .....	10
1.7.3	GameFast.....	10
1.7.4	DoubleShot Pro .....	10
<b>2</b>	<b>Killer™ Prioritization Engine.....</b>	<b>11</b>
2.1	Applications Page .....	11
2.1.1	All Traffic graph.....	11
2.1.2	Current Bandwidth Settings.....	11
2.1.3	Usage graph.....	11
2.1.4	View .....	11
2.1.5	Time Period .....	11
2.1.6	Direction.....	12
2.1.7	Applications list.....	12
2.1.8	Show Inactive Applications.....	12
2.1.9	Edit Category Priorities .....	12
2.1.10	Reset.....	13
2.2	GameFast page.....	13
2.2.1	Enabling GameFast .....	14
2.2.2	Services .....	14
2.2.3	Recommendations .....	14
<b>3</b>	<b>Killer™ Intelligence Engine.....</b>	<b>15</b>
3.1	Recommendations page .....	15
3.2	Smart AP Selection page.....	15
3.3	Wi-Fi Analyzer page.....	16
3.3.1	Graph.....	17
3.3.2	Only Show Authorized Access Points.....	17
3.3.3	Band: 2.4GHz/5GHz .....	17
3.4	Bluetooth Page .....	17
<b>4</b>	<b>Killer™ DoubleShot Pro .....</b>	<b>19</b>
4.1	DoubleShot Pro page.....	19
4.1.1	DoubleShot toggle .....	19
4.1.2	Priority Routing.....	19
<b>5</b>	<b>Settings &amp; General Information Page .....</b>	<b>20</b>
5.1	Dark Mode/Light Mode .....	20
5.2	Network information.....	20
5.3	Settings.....	20
5.3.1	Killer Prioritization Engine .....	20
5.3.2	Smart Access Point Selection .....	21
5.3.3	Smart Access Point Selection Pop Up Notifications .....	21
5.3.4	DoubleShot Pro .....	21
5.3.5	Auto Bandwidth .....	21
5.3.6	VR Mode.....	21

## Figures

Figure 1–1	Killer™ Dashboard .....	6
Figure 1–2	Killer™ Status.....	7
Figure 1–3	Current Network Traffic.....	7
Figure 1–4	Killer™ Optimizations .....	8
Figure 1–5	Killer™ Prioritization Engine .....	8
Figure 1–6	Wi-Fi Score by Access Point.....	9
Figure 1–7	Quick Settings.....	9
Figure 2–1	Prioritization Engine, Applications page .....	11
Figure 2–2	Customize Category Prioritization dialog box .....	13
Figure 2–3	Prioritization Engine, GameFast page .....	14
Figure 3–1	Recommendations page.....	15
Figure 3–2	Smart AP Selection page.....	16
Figure 3–3	Wi-Fi Analyzer page .....	17
Figure 3–3	Bluetooth page .....	18
Figure 4–1	DoubleShot Pro page.....	19
Figure 5–1	Settings & General Information page.....	20
Figure 5–2	Set Bandwidth dialog box .....	21
Figure 5–2	VR Mode options .....	22



## Revision History

Revision	Description	Date
1.0	Initial release	September 2021
1.5	Added new screen captures and varies edits	February 2025

# 1 Killer™ Intelligence Center

Killer™ Intelligence Center is software designed to interact with your Killer™ hardware and allow you to view and control the network traffic on your computer. First and foremost, it automatically finds your Killer network adapters and prioritizes critical network traffic. It also allows you to change the settings to prioritize certain applications over other, less important traffic as well as provide valuable network health features.

## 1.1 Starting Killer™

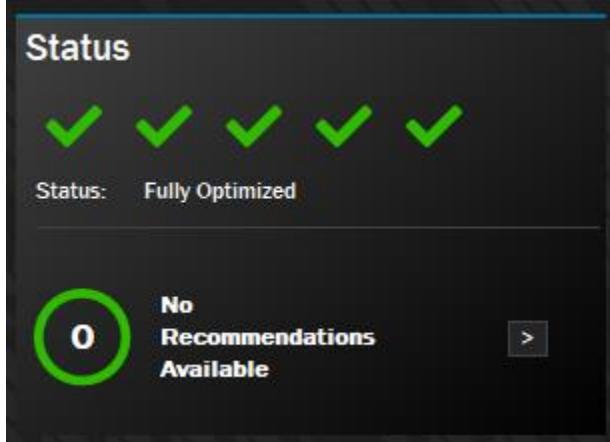
When you launch the Killer Intelligence Engine in Windows, the primary, Dashboard view appears as shown in Figure 1–1.

Figure 1–1 Killer™ Dashboard



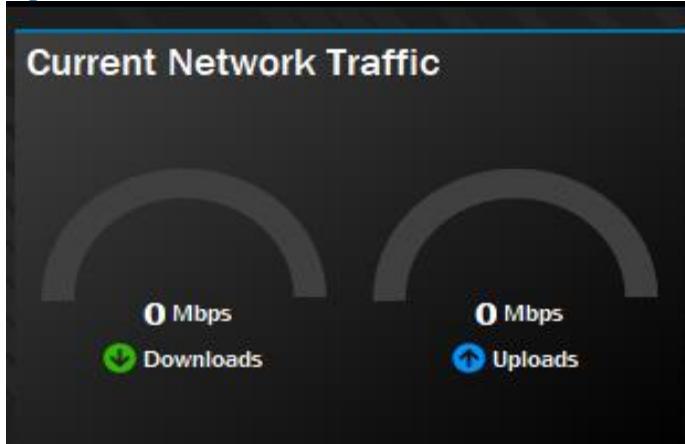
## 1.2 Status

The Status section outlines the current status of your Killer device and provides targeted recommendations for better performance. An optimal state will be represented by five green checkmarks, as shown in Figure 1–2. If action is needed, a lesser number of checkmarks will be shown, along with an appropriate message to indicate why its not fully optimized. For more information, you can click the > button to jump to the Intelligence Engine/Recommendations page, described in Section 3.1.

**Figure 1–2**      **Killer™ Status**

### 1.3      Current Network Traffic

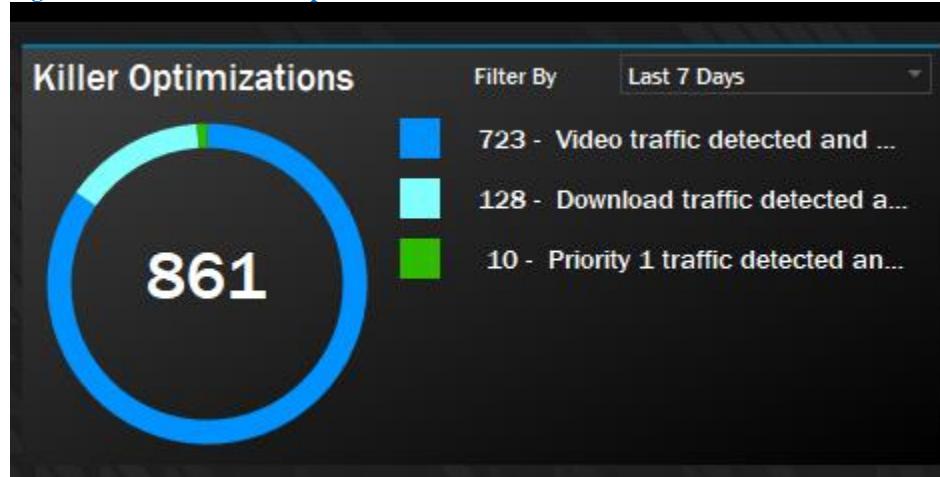
Download and Upload traffic for your entire network connection appears in this section, in the form of two speedometers.

**Figure 1–3**      **Current Network Traffic**

### 1.4      Killer™ Optimizations

Killer Optimizations reflects the number of automatic network optimizations made by Killer, such as Game Prioritization, Video stream optimization, signal quality analysis, and other Killer-related events, with counts shown for each type of Priority Category and their corresponding chart color. You can filter these counts by the time periods available in the drop-down list.

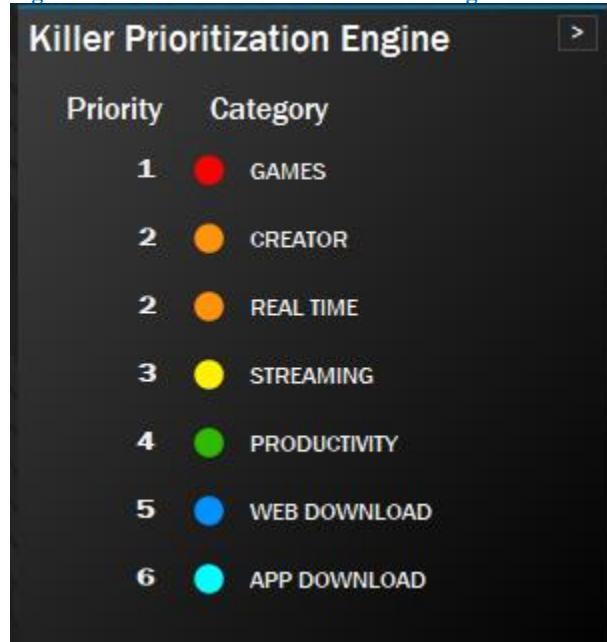
Figure 1–4 Killer™ Optimizations



## 1.5 Killer™ Prioritization Engine

This section of the Killer Dashboard summarizes the priorities set for the Killer Prioritization Engine, which is discussed in Section 2.

Figure 1–5 Killer™ Prioritization Engine



Click the > button to jump to the Prioritization Engine/Applications page, which is described in Section 2.1.

## 1.6 Wi-Fi Score by Access Point

This section, shown in Figure 1–6, summarizes the information about each available access point from the Killer™ Intelligence Engine page, which is described in Section 3.

Click the > button to jump to the Intelligence Engine/Smart AP Selection page, which is described in Section 3.2.

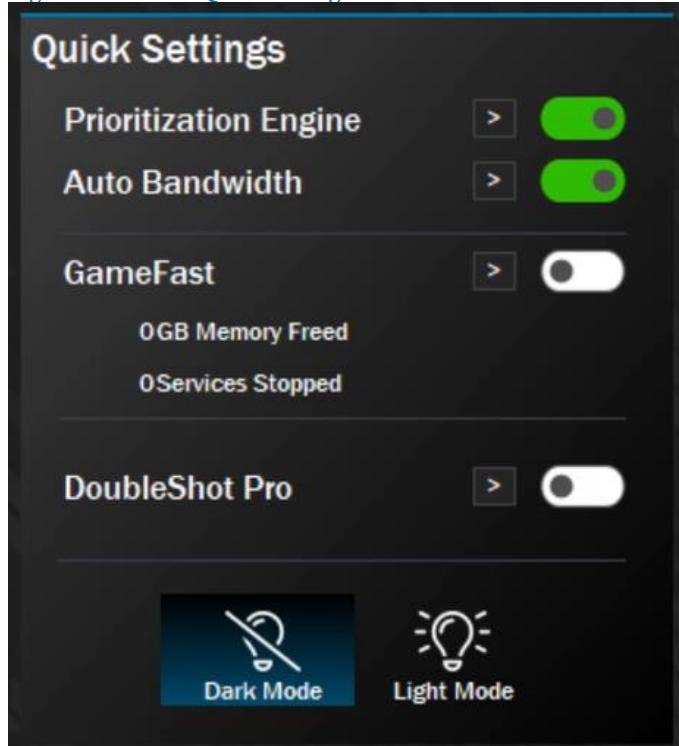
Figure 1–6 Wi-Fi Score by Access Point



## 1.7 Quick Settings

The Quick Settings controls, shown in Figure 1–7, let you toggle the major functions of Killer, as described in the following sections.

Figure 1–7 Quick Settings



### **1.7.1 Prioritization Engine**

This switch toggles the use of the Killer Prioritization Engine, which is discussed in Section 2. Click the > button to jump to the Prioritization Engine/Applications page, which is described in Section 2.1.

### **1.7.2 Auto Bandwidth**

This switch toggles the use of the Auto Bandwidth feature.

Click the > button to jump to the Settings & General Information page, which is described in Section 5.

### **1.7.3 GameFast**

This switch toggles the use of the GameFast feature, which is discussed in Section 2.2. If GameFast is enabled, this area also reports totals for Memory Freed (in GB) and Services Stopped. Click the > button to jump to the Prioritization Engine/GameFast page, which is described in Section 2.2.

### **1.7.4 DoubleShot Pro**

This switch toggles the use of the Killer™ DoubleShot Pro feature, which is discussed in Section 4.1. Click the > button to jump to the DoubleShot xTend/DoubleShot Pro page, which is described in Section 4.1.

## 2 Killer™ Prioritization Engine

The Killer™ Prioritization Engine lets you prioritize network traffic for applications and services. It provides control over individual applications' and websites' network traffic

### 2.1 Applications Page

The Apps Page gives in-depth information about what applications are currently using network resources and gives you fine control on their behavior. You can individually control each application or allow Killer Control Center to handle the traffic automatically.



Figure 2-1 Prioritization Engine, Applications page

#### 2.1.1 All Traffic graph

Shows the upload and download throughput for a selected network or all detected networks.

#### 2.1.2 Current Bandwidth Settings

Shows the current bandwidth setting. Click the > button to access this setting.

#### 2.1.3 Usage graph

At the top of the Applications page is a graph that shows a real-time highlight of the bandwidth usage of your applications/domains. Directly beneath is a list of the applications that are shown on the graph.

#### 2.1.4 View

This dropdown list allows you to change which applications are shown on the graph. The two options are “Top Three Apps” which are the three applications that are using the most bandwidth, and “Top 5 pinned apps” which will show the five pinned applications that are using the most bandwidth.

#### 2.1.5 Time Period

Select from this dropdown list to change the time scale of the graph, showing the last minute, 5 minutes, or 60 minutes of traffic.

## 2.1.6 Direction

Choose from this list to switch the graph between showing download traffic and upload traffic.

## 2.1.7 Applications list

This list shows all applications and domains detected by Killer™ Intelligence Center that are connecting to the internet. You can view and sort the various applications, as well as customize settings individually for each.

### 2.1.7.1 Adapter color

In the instance of multiple adapters, the color to the left of each Application/Domain in the list will indicate which adapter traffic is passing over. In the case of having only one connected Killer adapter, the color should be the same across all applications.

### 2.1.7.2 Pin

Allows you to place an application or domain at the top of the list until you remove the pin.

### 2.1.7.3 Priority

Every application detected by Killer™ Control Center is put into one of six categories, as shown on the main Dashboard page. Here, you can manually adjust the priority of each application.

### 2.1.7.4 Application name

This is the name of the application or domain that Killer™ Intelligence Center has detected.

### 2.1.7.5 Category

Every application and domain that Killer™ Intelligence Center detects is automatically put into one of seven different categories, and prioritized by how important that traffic is.

### 2.1.7.6 Download/Upload Speed

Move these sliding controls to manually adjust how much bandwidth each individual application can use, up to the maximum set for the adapter it is using. Real-time usage in Mbps is displayed to the left of each slider.

### 2.1.7.7 Block

Allows traffic to be completely blocked from the selected Application or Domain. If there is a connection you would like to completely eliminate from access to the internet or your network, click here.

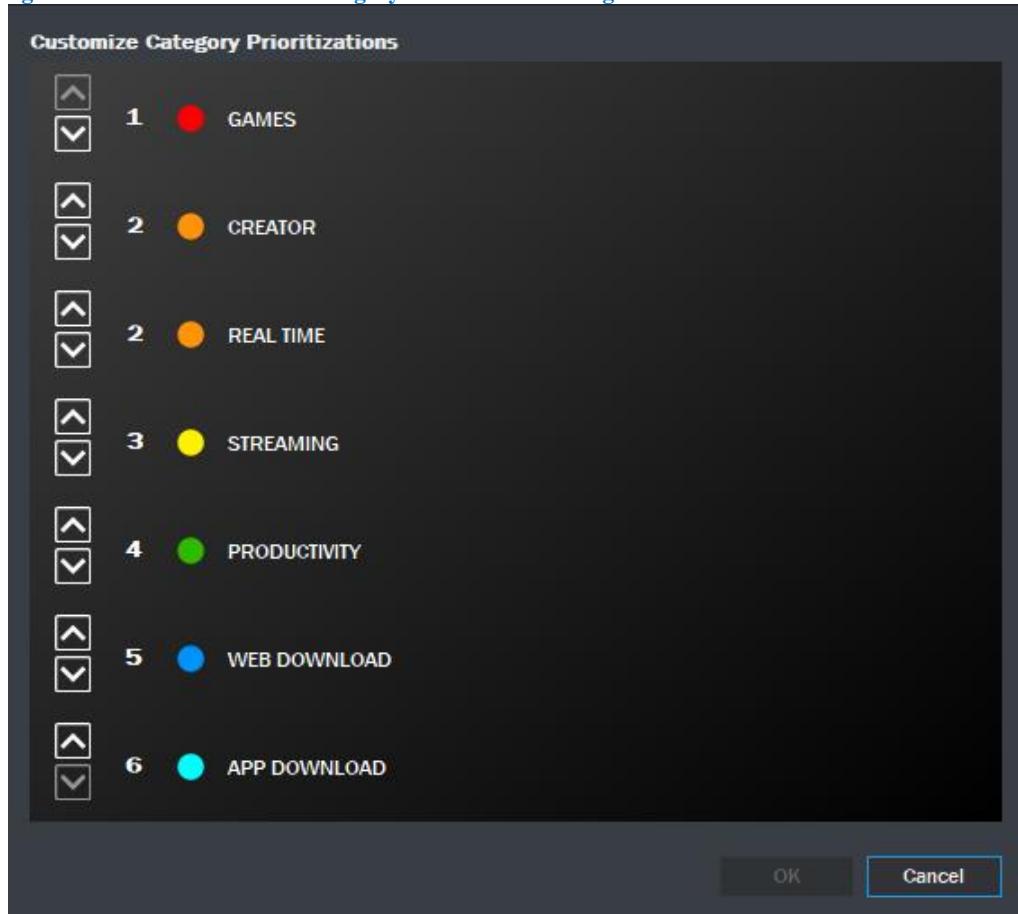
## 2.1.8 Show Inactive Applications

For convenience, any Applications that are not actively using your network connections are hidden from the list. This way, you have easier access to the information most important to you at the time. Toggle this option ON if you wish to view or change any of these hidden applications.

## 2.1.9 Edit Category Priorities

Click this button to access the Customize Category Prioritization dialog box, shown in Figure 2-2, where you can adjust the category priority settings by clicking the arrow buttons to move the categories up and down the priority list.

Figure 2–2      Customize Category Prioritization dialog box



Priority categories are the following, by default:

- Games:** Gaming traffic is prioritized the highest by default, over all other applications, protecting gaming traffic for the lowest possible latency.
- Creator:** Traffic of creator applications such as Photoshop or Lightroom are put into this category by default.
- Real Time:** Communications traffic, usually VOIP applications like Skype\* or Discord\*, are put into this category by default.
- Streaming:** Traffic of streaming video services like Netflix\*, YouTube\*, and Twitch\*.
- Productivity:** Normal web traffic is prioritized at level 4 by default.
- Web Download:** Web download traffic has a low priority, by default; these are any file downloads from a browser like Chrome\*, Edge\*, or Firefox\*.
- App Download:** This is the lowest priority possible. Such downloads include Microsoft\* or other application updates, torrent activity, and other types of “background” downloads.

Click **OK** to save your priority changes.

### 2.1.10      Reset

Click this button to revert your custom changes back to their defaults. This will also clear all entries from the Inactive Applications list.

## 2.2      GameFast page

The Killer™ GameFast page controls the features that speed up game playing on your network.

Figure 2–3 Prioritization Engine, GameFast page



## 2.2.1 Enabling GameFast

Click the GameFast toggle to enable GameFast.

To enable Automatic mode, which will enable GameFast any time a Game is detected without any action, select the Auto-enable when a game is detected check box.

When the game stops running, GameFast will automatically stop.

## 2.2.2 Services

When GameFast is enabled, this list provides a summary of how many services were paused and how much cached memory was cleared.

## 2.2.3 Recommendations

By default, pre-defined services are already checked. This area gives you the ability to select additional services to be stopped when GameFast is enabled.

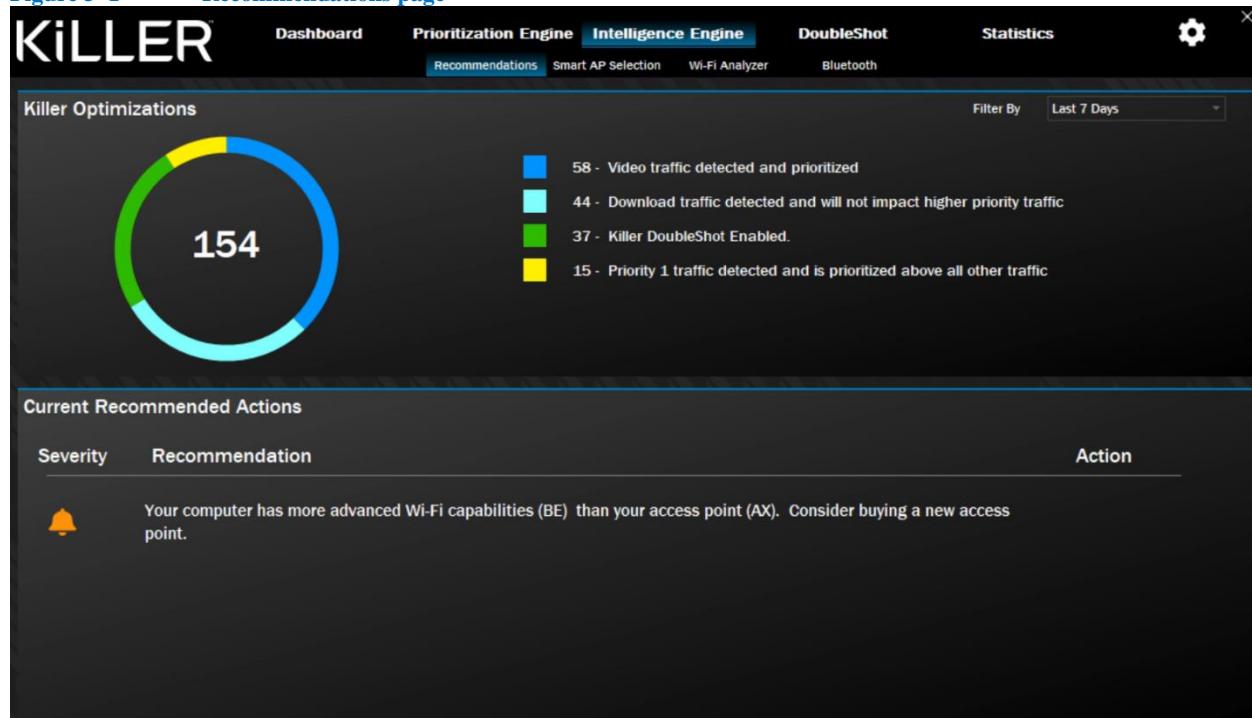
## 3 Killer™ Intelligence Engine

The Killer™ Intelligence Engine pages give you a status view of your network environment and the optimizations that Killer has made to it. You can view act on Killer's recommendations, view the current Smart AP Selection or override it, and view the Wi-Fi signals of access points visible to your system.

### 3.1 Recommendations page

On this page, you can view and act on any recommendations that Killer has made for your network usage. Under Killer Optimizations, this page shows a count of the downloads that Killer has prioritized, or not, listed with each value's corresponding chart color.

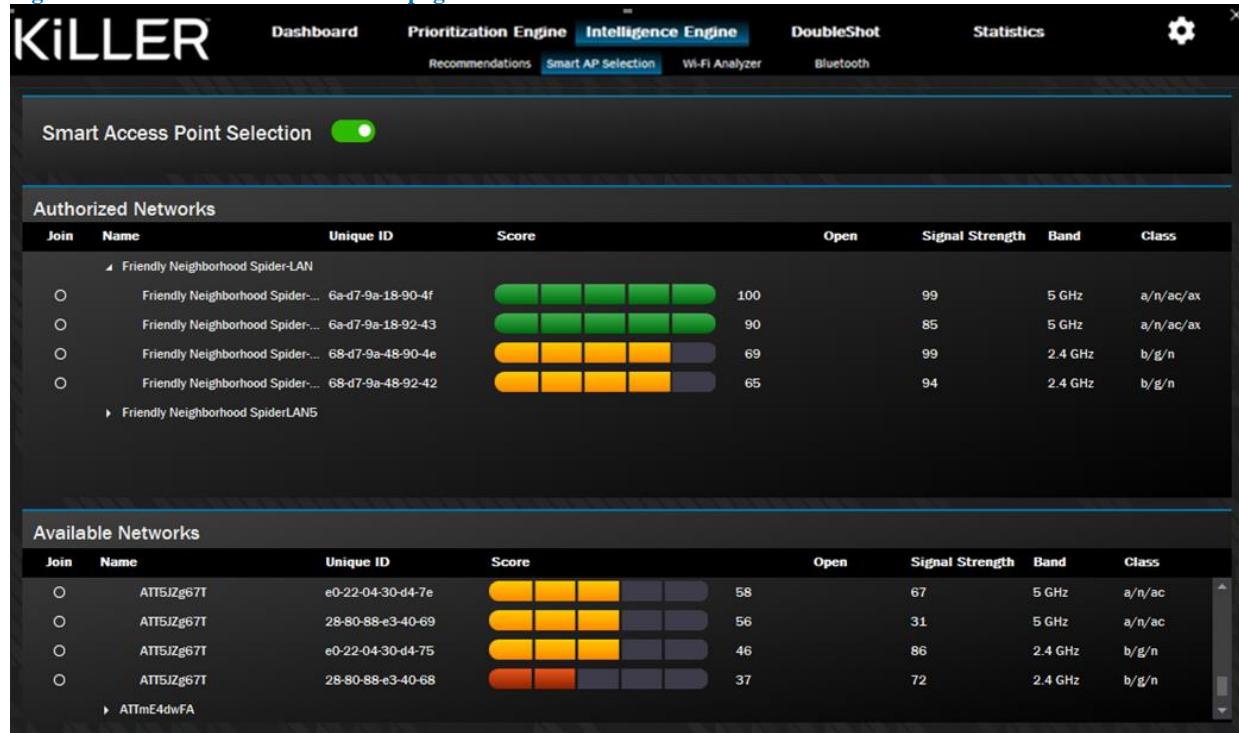
**Figure 3-1** Recommendations page



### 3.2 Smart AP Selection page

The Smart AP Selection page lets you view the current access point selection Killer has made, or override the Smart AP Selection feature and choose an access point from the expandable tree view at the bottom of the page.

Figure 3–2 Smart AP Selection page



If you turn off Smart AP Selection, Killer will stop both switching to the best available AP and suggesting the best network (if the AP that's best is a different SSID).

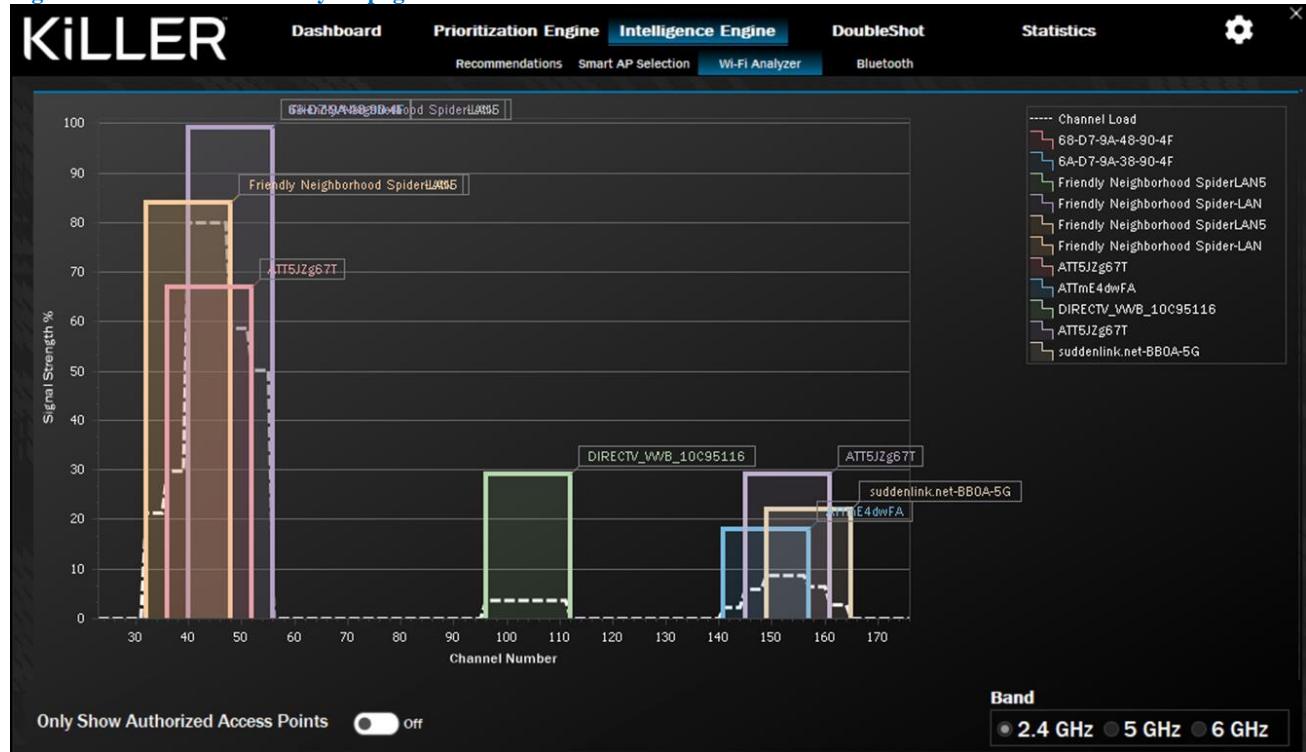
To override Smart AP Selection and choose an alternate AP (that is not the strongest/fastest option available), click the **Smart Access Point Selection** switch to disable it. Then, in either the Authorized Network or Available Network list, click the **Join** column button corresponding to the AP you want to connect to.

Each unique network ID in the expanded lists corresponds to a unique BSSID visible to your system. This is usually radio-based. Some access points may have 2–3 radios (2.4GHz, 5GHz, Guest).

### 3.3 Wi-Fi Analyzer page

This page gives you a graphical representation of the Wireless network around you. You can see the individual 2.4GHz and 5GHz networks within range, what channel each network is on, and the current signal strength of each network. Selecting a specific network will display any information that can be gathered on that network, such as Channel, Data Rates, Channel Width, SU-MIMO information, etc.

Figure 3–3 Wi-Fi Analyzer page



### 3.3.1 Graph

The graph will depict the networks on each channel, as well as their overlap range with other networks using information such as Channel Width. You can select a network directly from the graph itself, or by selecting it on the key to the right. Once selected more specific information can be viewed at the bottom of the Wi-Fi Analyzer page.

### 3.3.2 Only Show Authorized Access Points

Toggle this switch to On to show only the networks that are authorized on the Smart AP Selection page.

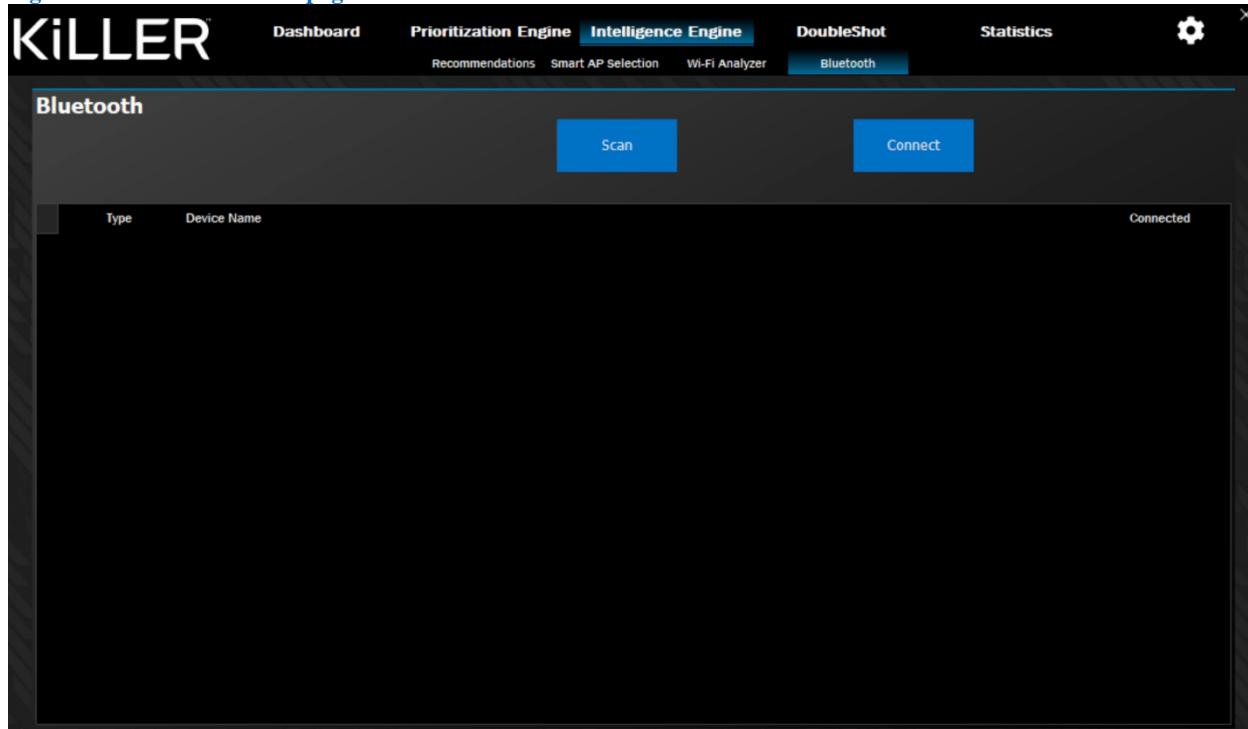
### 3.3.3 Band: 2.4GHz/5GHz/6GHz

Toggle between the two standard wireless bands for accurate measurement of the wireless networks within range.

## 3.4 Bluetooth Page

The Bluetooth page will display the Bluetooth devices that are connected to your PC. You can also scan for new devices by clicking the Scan button. The page will also display the type of Bluetooth device that is detected.

Figure 3–4      Bluetooth page

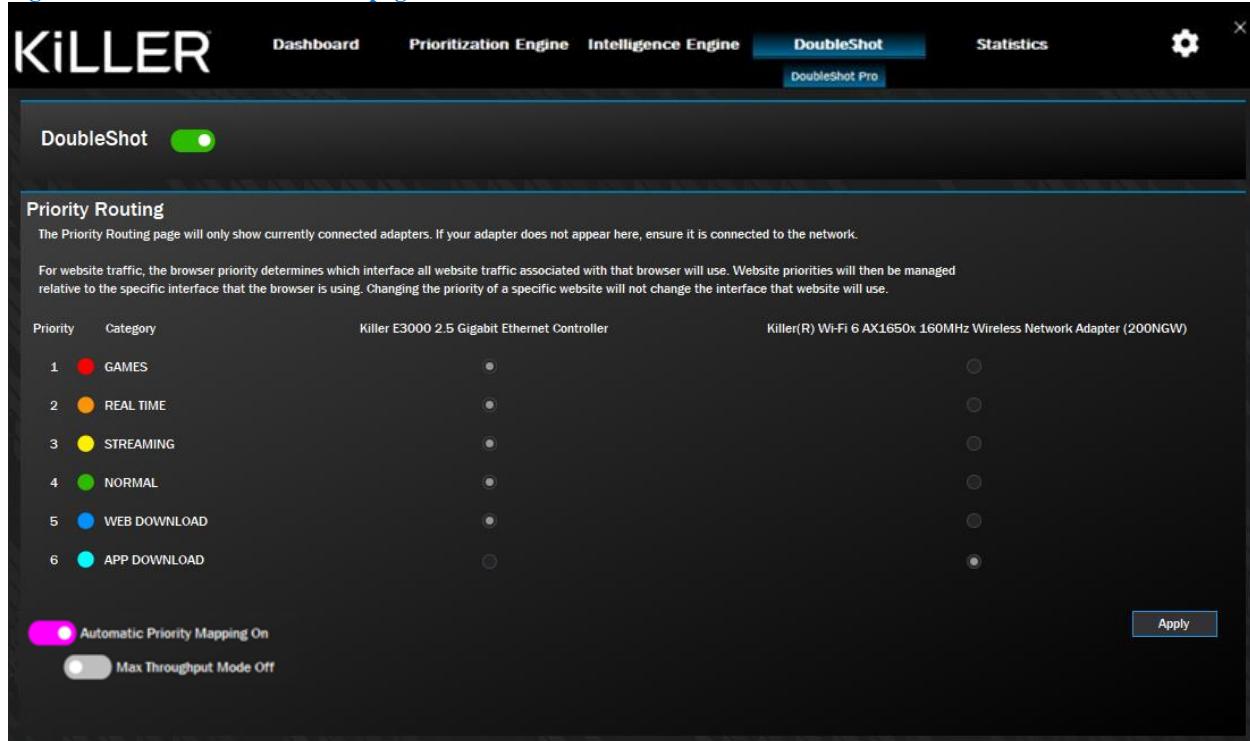


## 4 Killer™ DoubleShot Pro

### 4.1 DoubleShot Pro page

Killer™ DoubleShot Pro enables simultaneous use of multiple Killer Networking products at the same time. It automatically picks the fastest network connection (wireless or ethernet) and sends all high priority traffic over that interface and then sends standard traffic over the other interface. This ensures the highest priority traffic will always be put on the fastest and most reliable link.

Figure 4-1 DoubleShot Pro page



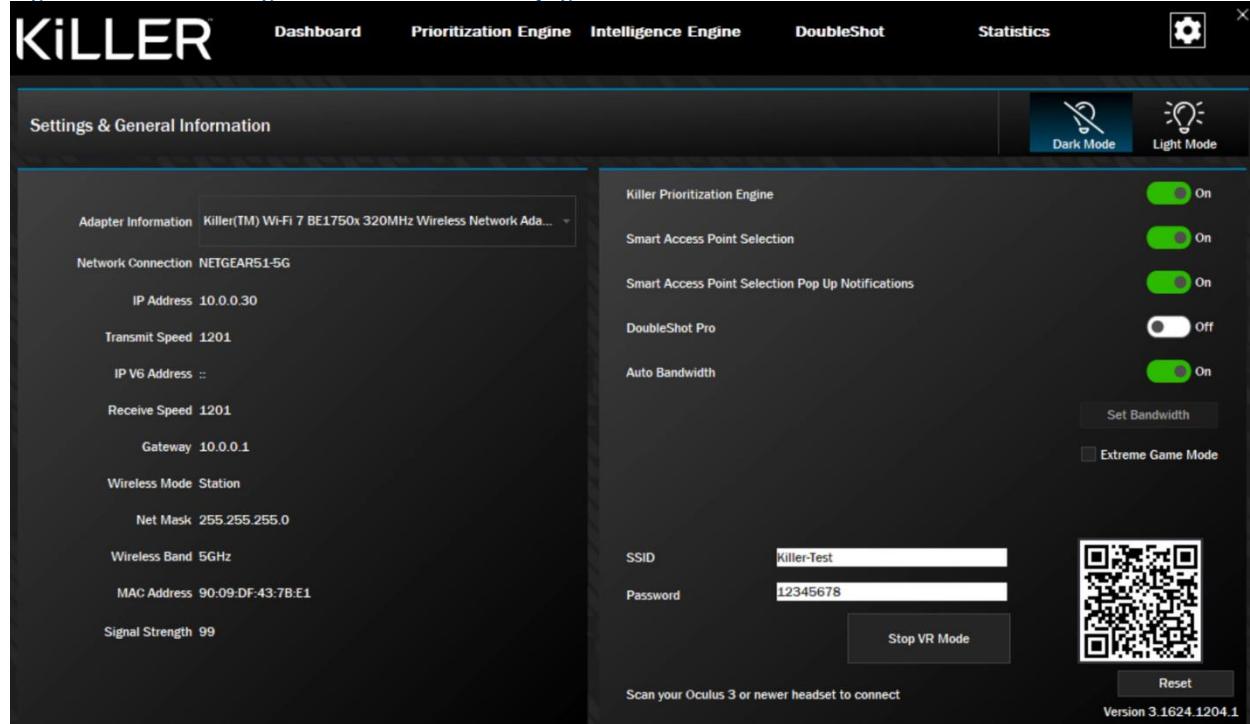
The screenshot shows the 'Priority Routing' page of the Killer DoubleShot Pro interface. It displays two connected adapters: 'Killer E3000 2.5 Gigabit Ethernet Controller' and 'Killer(R) Wi-Fi 6 AX1650x 160MHz Wireless Network Adapter (200NGW)'. The 'Priority' column lists six categories: GAMES (red), REAL TIME (orange), STREAMING (yellow), NORMAL (green), WEB DOWNLOAD (blue), and APP DOWNLOAD (cyan). The 'Category' column shows the corresponding color for each priority level. The 'Automatic Priority Mapping On' checkbox is checked, and the 'Max Throughput Mode Off' checkbox is unchecked. The 'Apply' button is located in the bottom right corner.

Priority	Category	Adapter
1	GAMES	Killer E3000 2.5 Gigabit Ethernet Controller
2	REAL TIME	Killer(R) Wi-Fi 6 AX1650x 160MHz Wireless Network Adapter (200NGW)
3	STREAMING	
4	NORMAL	
5	WEB DOWNLOAD	
6	APP DOWNLOAD	

## 5 Settings & General Information Page

The Settings & General Information page provides a central location for enabling or disabling the major automated features of Killer and lists for the basic network information for the network adapter in use, such as IP Address, MAC Address, etc. To access the Settings page, click the gear icon on the main Dashboard page.

**Figure 5–1** Settings & General Information page



### 5.1 Dark Mode/Light Mode

Click these icons to switch Killer's UI Skin. Both Dark Mode and Light Mode have all the categories of Games, Creator, Realtime, Streaming, Productivity, Web Downloads, and Downloads.

### 5.2 Network information

By default, the left side of the Settings & General Information page shows ID and status information for the network adapter that's currently in use.

Here you can see the Network Name, network bandwidth limits, type of connection, IP Address, IPV6 Address (if an IPV6 connection is present), Gateway address, Net Mask, and MAC Address. Also displayed are the Receive Speed (link speed), Wireless Band, Wireless Mode, and Signal Strength (on a scale of 100) for wireless connections.

A drop-down list at the top, next to Adapter Information, lets you view the same information for other adapters connected to your system.

### 5.3 Settings

A set of toggles on the right of the Settings & General Information page provides a central location for enabling or disabling Killer's major automated features.

#### 5.3.1 Killer Prioritization Engine

This switch toggles the use of the Killer Prioritization Engine, which is described in Section 2.

### 5.3.2 Smart Access Point Selection

This switch toggles the use of Smart Access Point Selection, which is described in Section 3.2.

### 5.3.3 Smart Access Point Selection Pop Up Notifications

This switch toggles the appearance pop-up notifications whenever Killer's Smart Access Point Selection feature changes APs.

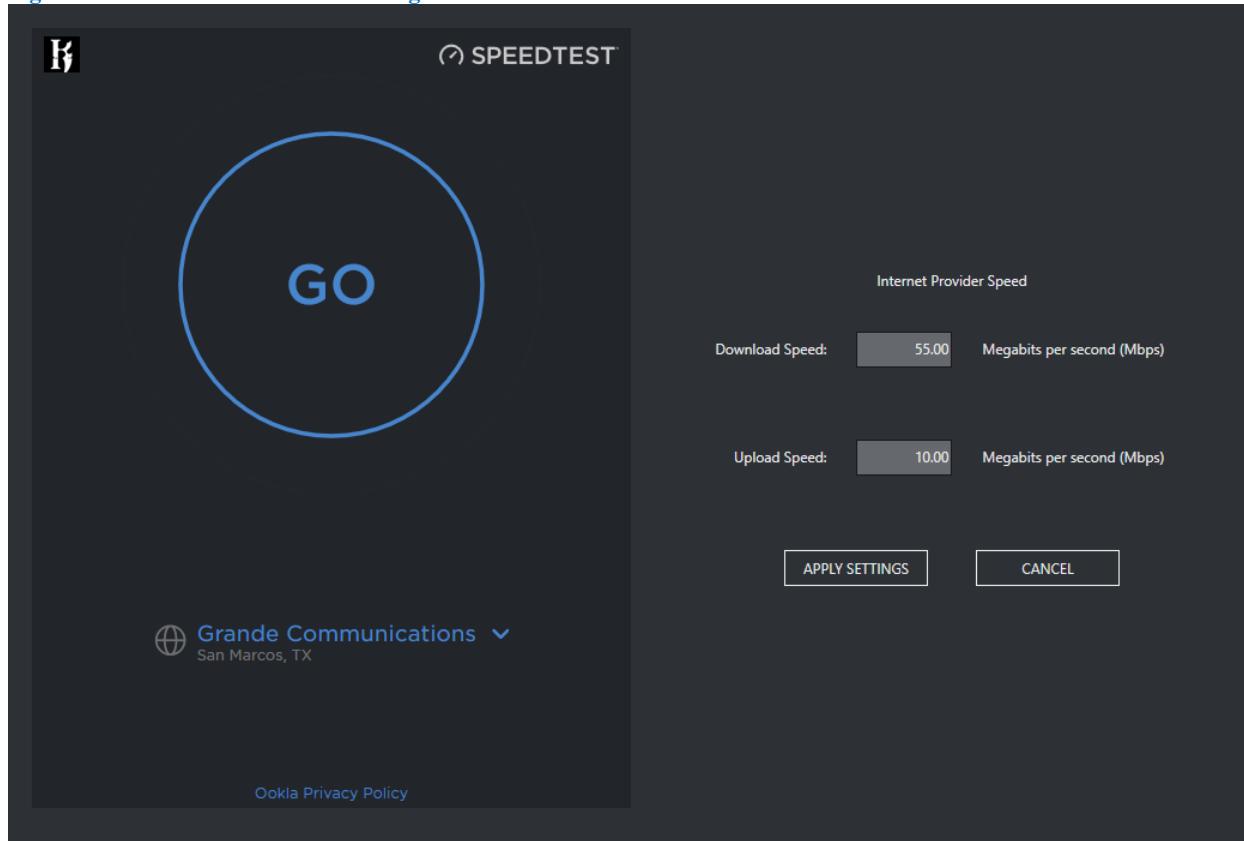
### 5.3.4 DoubleShot Pro

Switch this toggle **On** to enable automated network traffic prioritization using Killer™ DoubleShot Pro. Switch it **Off** to enable the option buttons that let you change the network adapter selections as described in Section 4.1.2.

### 5.3.5 Auto Bandwidth

Click this toggle to disable Killer's Auto Bandwidth feature. When this switch set to off, the **Set Bandwidth** button under it becomes available. Click it to open the dialog box shown in Figure 5–2.

**Figure 5–2** Set Bandwidth dialog box



The **Download Speed** and **Upload Speed** settings here let you manually set the speed limits to be used for this connection. To calculate your maximum Download and Upload speeds, click the **GO** button on the left to start an automatic speed test. It is best to use this option when there are no other applications using bandwidth, as that will provide you with the most accurate numbers.

### 5.3.6 VR Mode

The VR functionality allows the user to easily connect to a Meta HMD (head mount display) set by creating a QR code that the HMD can point to. Clicking 'Start VR Mode' will start the hotspot and automatically show a QR code. Clicking on the QR code will enlarge it for easier viewing from HMD.

Figure 5–3 VR Mode options

