



## **Killer**

### **Software installation for Windows**

***Release Notes***

***November 12, 2017***

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## Revision history

| Revision | Date         | Description  |
|----------|--------------|--|
| A        | Sep 15, 2016 | Initial Release  |
| B        | Nov 02, 2016 | Updated Maintenance Release  |
| C        | Nov 09, 2016 | Fixed breaking out Domains from non-browsers   |
| D        | Nov 16, 2016 | Don't show Wifi Analyzer on Ethernet, fix CH characters in domain detection  |
| E        | Nov 18, 2016 | Additional fix to CH characters in domain detection  |
| F        | Dec 19, 2016 | Updated 11ac drivers, Bug fixes  |
| G        | Feb 02, 2017 | Updated 11ac drivers, Bug fixes  |
| H        | Feb 20, 2017 | Updated 11ac drivers, resolving issue seen in a small number of platforms that would cause WiFi drops.   |
| J        | Apr 18, 2017 | Updated 11ac drivers, Updated Ethernet Drivers, fixes to Rivet Filtering Engine, Application, installer.   |
| K        | Jun 07, 2017 | Fix IPv6 issues with CNN.com/FileVoyager.com, German Language fixes, Game Detection fixes, Updated Ethernet driver for RS1+RS2 WHQL. Fix/re-add Modify/Repair to installation. |
| L        | Jun 22, 2017 | Updated 11AC drivers to 12.0.0.312   |
| M        | Jul 03, 2017 | Updated 11AC Drivers, Killer Doubleshot Pro fix, game detection updates.   |
| N        | Aug 22, 2017 | Change Installer name for Microsoft JS Tool. Fix KillerDiagnostics FR. Updated 11AC Wifi driver., KCC Improvements, Doubleshot IPv6 fixes, ESET Co-existence fix.              |
| O        | Sep 28, 2017 | Killer Control Center fixes, Bandwidth Estimator fixes, 11AC WiFi driver update, Ethernet driver update.   |
| P        | Nov 12, 2017 | Reduced/Removed DPC interrupts from Rivet Filtering Engine driver, RS2+RS3 drivers for Ethernet, 11AC WiFi   |

# 1 Purpose

The software package is a single installer to install Killer drivers and software. The software package includes Ethernet driver, WLAN host driver, WLAN firmware binary, NFA board configuration data binaries, RfeCoSvc WFP driver, Killer Control Center, and Killer Network service binaries and associated software.

If applicable, a separate Bluetooth Installation is also supplied as taken directly from QCA with no additional modifications.

## 1.1 Identification

|                         |                                    |
|-------------------------|------------------------------------|
| This release is:        | <b>Killer Control Center Suite</b> |
| The release version is: | <b>1.5.1608</b>                    |

## 1.2 Filename's and MD5 Checksums

|               |   |
|---------------|---|
| Filename:     | <b>KillerPerformanceSuite_1.5.1608_Win7_Win81_Win10_x64.exe</b> |
| MD5 Checksum: | <b>6433f71cd846932ee75d621b72a1d744</b>                         |
| Filename:     | <b>KillerPerformanceSuite_1.5.1608_Win7_Win81_Win10_x86.exe</b> |
| MD5 Checksum: | <b>b56c33a190fae1dc3802b42d1a05a64f</b>                         |

## 2 Supported Hardware and Software

The following hardware is supported in this release:

| OS<br>32/64 bit | Ethernet     | WLAN<br>2.4/5Ghz |
|-----------------|--------------|------------------|
| Product Name    |              |                  |
| Windows 7       | Killer E2200 | Killer 1525      |
| Windows 8.1     | Killer E2400 | Killer 1535      |
| Windows 10      | Killer E2500 | Killer 1435      |

*NOTE: Windows 10 current supported v10586, v14361, v15063*

## 3 Installation

The software package includes a single installer for all Killer products for Windows 7, Windows 8.1 and Windows 10. The installer automatically detects the existing Killer modules and platform OS version and then installs the respective files.

### 3.1 Installation options

The software package supports the following command line functions

| Function        | Command Line   | Details   |
|-----------------|--|---|
| Silent Install  | setup.exe /s /v" /qn /norestart"   | Used for unattended Install without UI interaction.   |
| Extract Drivers | setup.exe<br>/v"EXTRACTDRIVERS=<path>"<br>ex: setup.exe<br>/v"EXTRACTDRIVERS=c:\killerdrivers" | Used to extract drivers from package.<br>Note: This is only supported on FRESH or CLEAN system without current software installation present. |
| Help            | setup.exe /?   | Used to display help message to show all possible commands  |

### 3.2 Driver Version

The following table shows the driver version for Ethernet, WLAN and the BWC Filter.

| OS          | ETHERNET | 11AC WLAN  | RFECOSVC |
|-------------|----------|------------|----------|
| Windows 7   | 9.0.0.39 | 11.0.0.768 | 7.5.1.19 |
| Windows 8.1 | 9.0.0.37 | 11.0.0.746 | 7.5.1.19 |
| Windows 10  | 9.0.0.46 | 12.0.0.448 | 7.5.1.19 |

## 4 Testing

This release has gone through a formal Rivet Networks testing cycle. The software is certified by Microsoft WHCK and all driver binaries are WHQL signed.

### 4.1 WFA Certification

The following table shows the WFA certification status

| Product     | Board   | OS          | Description                  |
|-------------|---------|-------------|------------------------------|
| Killer 1525 | NFA344i | Windows 7   | Certification done, CID55138 |
|             |         | Windows 8.1 | Certification done, CID55194 |
|             |         | Windows 10  | Certification done, CID61609 |
| Killer 1535 | NFA364A | Windows 7   | Certification done, CID58807 |
|             |         | Windows 8.1 | Certification done, CID58808 |
|             |         | Windows 10  | Certification done, CID61588 |
| Killer 1435 | NFA344A | Windows 7   | Certification done, CID58805 |
|             |         | Windows 8.1 | Certification done, CID58806 |
|             |         | Windows 10  | Certification done, CID61581 |

## 5 Known Issues

| ID | Component | Description |
|----|-----------|-------------|
|    |           |             |

## 6 Fixed Issues

| ID      | Component              | Description   |
|---------|------------------------|---|
|         | Rivet Filtering Engine | Reworked to not use DPC Interrupts, which would cause high DPC execution time on higher bandwidth links with high utilization.                            |
|         | Ethernet Driver        | RS2+RS3 WHQL driver   |
|         | 11AC WiFi              | RS2+RS3 WHQL driver   |
| 2127262 | 11AC WiFi              | KRACK - Mac core changes for WPA GTK Key Reinstallation (firmware) on Rom   |
| 2136107 | 11AC WiFi – K1525      | KRACK - Disable WoW   |
| 2133091 | 11AC WiFi – K1525      | Cannot see Wi-Fi AP's with latest host (12.0.0.438)   |
| 2136192 | 11AC WiFi              | System Crash - Bugcheckid:0x1D2   |
| 2133092 | 11AC WiFi              | Add function in adminservice to enable BT which is disabled.  |
| 2132273 | 11AC WiFi              | adminservice checks YB 3 times before resetting Bluetooth   |
| 2128667 | 11AC WiFi              | Ping AP fails after system wake up from Modem Standby   |
| 2123732 | 11AC WiFi              | Country EG,TN,UZ,IL,KW,MA TX power from CH36~CH64 is 20 db that do not match expected the TX power 23db in the latest version24 regulatory table.(always) |
| 2121622 | 11AC WiFi              | WLAN card is lost when running S3 stress testing with AC adaptor plugged.   |
| 2094888 | 11AC WiFi              | The Wi-Fi cannot be used when system resumes from S3 (AMD Summit Ridge)   |