



# CVE-2019-10565

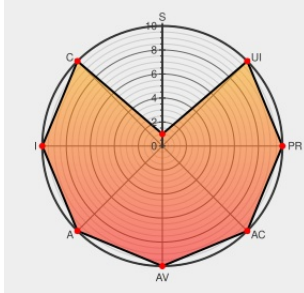
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## CVE-2019-10565

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Apq8053](#) from [Qualcomm](#) contain the following vulnerability:

Double free issue can happen when sensor power settings is freed by some thread while another thread try to access. in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon

Wearables in APQ8053, MDM9206, MDM9207C, MDM9607, MSM8905, MSM8909, MSM8909W, QCN7605, QCS405, QCS605, SDM845, SDX24, SXR1130

CVE-2019-10565 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Q](#) **Qualcomm, Inc. - Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables** version **APQ8053, MDM9206, MDM9207C, MDM9607, MSM8905, MSM8909, MSM8909W, QCN7605, QCS405, QCS605, SDM845, SDX24, SXR1130**

CVSS3 Score: **9.8 - CRITICAL**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.5 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                               | Tags                                                                       | Link                                                                                                                                                                              |
|-------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| October Security Bulletin 2019   Qualcomm | <a href="http://www.qualcomm.com/text/html">www.qualcomm.com text/html</a> | <a href="https://www.qualcomm.com/company/product-security/bulletins/october-2019-bulletin">CONFIRM www.qualcomm.com/company/product-security/bulletins/october-2019-bulletin</a> |

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There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type                                                                                         | Vendor                   | Product                           | Version | Update | Edition | Language |
|----------------------------------------------------------------------------------------------|--------------------------|-----------------------------------|---------|--------|---------|----------|
| Hardware    | <a href="#">Qualcomm</a> | <a href="#">Apq8053</a>           | -       | All    | All     | All      |
| Hardware    | <a href="#">Qualcomm</a> | <a href="#">Apq8053</a>           | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Apq8053 Firmware</a>  | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Apq8053 Firmware</a>  | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9206</a>           | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9206</a>           | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9206 Firmware</a>  | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9206 Firmware</a>  | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c</a>          | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c</a>          | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c Firmware</a> | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c Firmware</a> | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9607</a>           | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9607</a>           | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9607 Firmware</a>  | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9607 Firmware</a>  | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Msm8905</a>           | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Msm8905</a>           | -       | All    | All     | All      |

|                                                                                                                                                                                  |          |                   |   |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|---|-----|-----|-----|
| Hardware           | Qualcomm | Msm8905           | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Msm8905 Firmware  | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Msm8905 Firmware  | - | All | All | All |
| Hardware       | Qualcomm | Msm8909           | - | All | All | All |
| Hardware       | Qualcomm | Msm8909           | - | All | All | All |
| Hardware       | Qualcomm | Msm8909w          | - | All | All | All |
| Hardware       | Qualcomm | Msm8909w          | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Msm8909w Firmware | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Msm8909w Firmware | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Msm8909 Firmware  | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Msm8909 Firmware  | - | All | All | All |
| Hardware       | Qualcomm | Qcn7605           | - | All | All | All |
| Hardware   | Qualcomm | Qcn7605           | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Qcn7605 Firmware  | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Qcn7605 Firmware  | - | All | All | All |
| Hardware   | Qualcomm | Qcs405            | - | All | All | All |
| Hardware   | Qualcomm | Qcs405            | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Qcs405 Firmware   | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Qcs405 Firmware   | - | All | All | All |
| Hardware   | Qualcomm | Qcs605            | - | All | All | All |
| Hardware   | Qualcomm | Qcs605            | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Qcs605 Firmware   | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Qcs605 Firmware   | - | All | All | All |
| Hardware   | Qualcomm | Sdm845            | - | All | All | All |
| Hardware   | Qualcomm | Sdm845            | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Sdm845 Firmware   | - | All | All | All |
| Operating System                                                                                                                                                                 | Qualcomm | Sdm845 Firmware   | - | All | All | All |

Угдэл

|                                                                                              |                          |                                  |   |     |     |     |
|----------------------------------------------------------------------------------------------|--------------------------|----------------------------------|---|-----|-----|-----|
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Sdx24</a>            | - | All | All | All |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Sdx24</a>            | - | All | All | All |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Sdx24 Firmware</a>   | - | All | All | All |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Sdx24 Firmware</a>   | - | All | All | All |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Sxr1130</a>          | - | All | All | All |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Sxr1130</a>          | - | All | All | All |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Sxr1130 Firmware</a> | - | All | All | All |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Sxr1130 Firmware</a> | - | All | All | All |

cpe:2.3:h:qualcomm:apq8053:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:apq8053:-:\*:\*:\*:\*:\*:\*:

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cpe:2.3:o:qualcomm:apq8053_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:apq8053_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:mdm9206:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:mdm9206:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:mdm9206_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:mdm9206_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:mdm9207c:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:mdm9207c:-:*:*:*:*:*:*:
```

cpe:2.3:o:qualcomm:mdm9207c\_firmware:-:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:mdm9207c_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:mdm9607:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:mdm9607:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:msm8905:-:\*:\*:\*:\*:\*:\*:

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cpe:2.3:h:qualcomm:msm8905:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:msm8905_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:msm8905_firmware:-:*:*:*:*:*:*
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cpe:2.3:h:qualcomm:msm8909:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:msm8909:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:msm8909w:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:msm8909w:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:msm8909w_firmware:-:*:*:*:*:*:*:
```

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cpe:2.3:o:qualcomm:msm8909w_firmware:-:*:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:msm8909_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:msm8909_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qcn7605:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:gcn7605:-:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:qcn7605 firmware:-:*:*:*:*:*.*
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cpe:2.3:o:qualcomm:gcn7605_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:gcs405:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:qcs405:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:qcs405_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcs405_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:gcs605:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:gcs605:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:qcs605_firmware:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:qcs605 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:h:qualcomm:sdm845:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm845:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:sdm845_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm845_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdx24:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:sdx24:-:\*:\*:\*:\*:\*:\*:

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cpe:2.3:o:qualcomm:sdx24_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdx24\_firmware:-:\*:\*:\*:\*:\*

|                                              |
|----------------------------------------------|
| cpe:2.3:h:qualcomm:sxr1130:-:*****:          |
| cpe:2.3:h:qualcomm:sxr1130:-:*****:          |
| cpe:2.3:o:qualcomm:sxr1130_firmware:-:*****: |
| cpe:2.3:o:qualcomm:sxr1130_firmware:-:*****: |

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →