



CVE-2019-10557

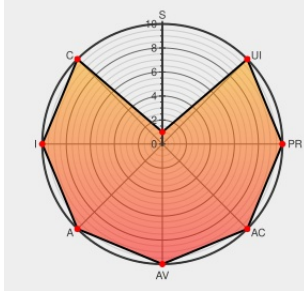
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CVE-2019-10557

[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 [Apq8009](#) from [Qualcomm](#) contain the following vulnerability:

Out-of-bound read in the wireless driver in the Linux kernel due to lack of check of buffer length. in Snapdragon Auto, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music in APQ8009, APQ8017, APQ8053, APQ8096AU, MDM9206,

MDM9207C, MDM9607, MDM9650, MSM8996AU, QCA6174A, QCA6574AU, QCA9377, QCA9379, QCN7605, QCS605, SDA660, SDA845, SDM630, SDM636, SDM660, SDX20, SDX55, SXR1130

CVE-2019-10557 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 Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music version APQ8009, APQ8017, APQ8053, APQ8096AU, MDM9206, MDM9207C, MDM9607, MDM9650, MSM8996AU, QCA6174A, QCA6574AU, QCA9377, QCA9379, QCN7605, QCS605, SDA660, SDA845, SDM630, SDM636, SDM660, SDX20, SDX55, SXR1130

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **10 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

COMPLETE

COMPLETE

COMPLETE

CVE References

Description

Tags

Link

December 2019 Security Bulletin |
Qualcomm

Patch

Vendor Advisory

www.qualcomm.com

text/html

 CONFIRM www.qualcomm.com/company/product-security/bulletins/december-2019-bulletin

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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 	Qualcomm	Apq8009	-	All	All	All
Hardware 	Qualcomm	Apq8009	-	All	All	All
Operating System	Qualcomm	Apq8009 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8009 Firmware	-	All	All	All
Hardware 	Qualcomm	Apq8017	-	All	All	All
Hardware 	Qualcomm	Apq8017	-	All	All	All
Operating System	Qualcomm	Apq8017 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8017 Firmware	-	All	All	All
Hardware 	Qualcomm	Apq8053	-	All	All	All
Hardware 	Qualcomm	Apq8053	-	All	All	All
Operating System	Qualcomm	Apq8053 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8053 Firmware	-	All	All	All
Hardware 	Qualcomm	Apq8096au	-	All	All	All
Hardware 	Qualcomm	Apq8096au	-	All	All	All
Operating System	Qualcomm	Apq8096au Firmware	-	All	All	All
Operating System	Qualcomm	Apq8096au Firmware	-	All	All	All

Hardware  	Qualcomm	Mdm9206	-	All	All	All
Hardware  	Qualcomm	Mdm9206	-	All	All	All
Operating System	Qualcomm	Mdm9206 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9206 Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm9207c	-	All	All	All
Hardware  	Qualcomm	Mdm9207c	-	All	All	All
Operating System	Qualcomm	Mdm9207c Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9207c Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm9607	-	All	All	All
Hardware  	Qualcomm	Mdm9607	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm9650	-	All	All	All
Hardware  	Qualcomm	Mdm9650	-	All	All	All
Operating System	Qualcomm	Mdm9650 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9650 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8996au	-	All	All	All
Hardware  	Qualcomm	Msm8996au	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6174a	-	All	All	All
Hardware  	Qualcomm	Qca6174a	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6574au	-	All	All	All
Hardware  	Qualcomm	Qca6574au	-	All	All	All
Operating	Qualcomm	Qca6574au Firmware	-	All	All	All

System						
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Hardware  	Qualcomm	Qca9377	-	All	All	All
Hardware  	Qualcomm	Qca9377	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca9379	-	All	All	All
Hardware  	Qualcomm	Qca9379	-	All	All	All
Operating System	Qualcomm	Qca9379 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9379 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	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	Sda660	-	All	All	All
Hardware  	Qualcomm	Sda660	-	All	All	All
Operating System	Qualcomm	Sda660 Firmware	-	All	All	All
Operating System	Qualcomm	Sda660 Firmware	-	All	All	All
Hardware  	Qualcomm	Sda845	-	All	All	All
Hardware  	Qualcomm	Sda845	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm630	-	All	All	All

Hardware 	Qualcomm	Sdm630	-	All	All	All
Operating System	Qualcomm	Sdm630 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm630 Firmware	-	All	All	All
Hardware 	Qualcomm	Sdm636	-	All	All	All
Hardware 	Qualcomm	Sdm636	-	All	All	All
Operating System	Qualcomm	Sdm636 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm636 Firmware	-	All	All	All
Hardware 	Qualcomm	Sdm660	-	All	All	All
Hardware 	Qualcomm	Sdm660	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Hardware 	Qualcomm	Sdx20	-	All	All	All
Hardware 	Qualcomm	Sdx20	-	All	All	All
Operating System	Qualcomm	Sdx20 Firmware	-	All	All	All
Operating System	Qualcomm	Sdx20 Firmware	-	All	All	All
Hardware 	Qualcomm	Sdx55	-	All	All	All
Hardware 	Qualcomm	Sdx55	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware 	Qualcomm	Sxr1130	-	All	All	All
Hardware 	Qualcomm	Sxr1130	-	All	All	All
Operating System	Qualcomm	Sxr1130 Firmware	-	All	All	All
Operating System	Qualcomm	Sxr1130 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:apq8009:-:*****:						
cpe:2.3:h:qualcomm:apq8009:-:*****:						
cpe:2.3:o:qualcomm:apq8009_firmware:-:*****:						

```
cpe:2.3:o:qualcomm:apq8009_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:apq8017:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:apq8017:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:apq8017_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:apq8017_firmware:-:*:*:*:*:*:
```

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

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

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

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

cpe:2.3:h:qualcomm:apq8096au:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:apq8096au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:apq8096au_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:apq8096au_firmware:-:*:*:*:*:*:
```

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

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

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

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

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:-:*:*:*:*:*:*
```

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

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

```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*.*
```

```
cpe:2.3:h:qualcomm:mdm9650:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:mdm9650:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:mdm9650_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:mdm9650_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:msm8996au:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:msm8996au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8996au_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:msm8996au_firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:qca6174a:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:gca6174a:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:gca6174a_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qca6174a_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6574au:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6574au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6574au_firmware:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:qca6574au_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:gca9377:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:gca9377:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:gca9377_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:gca9377_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:gca9379:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca9379:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:gca9379 firmware:-:*:*:*:*:*:*
```

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cpe:2.3:o:qualcomm:qca9379 firmware:-:*:*:*:*:*.*
```

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

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

```
cpe:2.3:o:qualcomm:qcn7605_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:qcn7605 firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:qcs605:-:*:*:*:*:*:*:

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

```
cpe:2.3:o:qualcomm:qcs605_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:qcs605_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sda660:-:*:*:*:*:*:*:

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cpe:2.3:h:qualcomm:sda660:-:*:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:sda660_firmware:-:*:*:*:*:*:*
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cpe:2.3:o:qualcomm:sda660_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sda845:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sda845:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sda845_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sda845_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm630:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm630:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm630_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm630_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:h:qualcomm:sdm636:-:*:*:*:*:*:*:
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```
cpe:2.3:h:qualcomm:sdm636:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm636_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm636_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm660:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm660:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm660 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm660 firmware:-:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:h:qualcomm:sdx20:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdx20:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx20_firmware:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:sdx20 firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdx55_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→