



# CVE-2019-2284

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2019-2284
<b>State</b>	PUBLIC
<b>Assigner</b>	product-security@qualcomm.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-09-30 16:15:00 UTC
<b>Updated</b>	2021-07-21 11:39:00 UTC
<b>Description</b>	Possible use-after-free issue due to a race condition while calling camera ioctl concurrently in Snapdragon Compute, Snap

## Risk And Classification

**Problem Types:** CWE-362 | CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">Msm8909w</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Msm8909w</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Msm8909w Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Msm8909w Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcs405</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcs405</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcs405 Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcs405 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcs605</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcs605</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcs605 Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcs605 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qualcomm 215</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qualcomm 215</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qualcomm 215 Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qualcomm 215 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Sdm439</a>	-	All	All	All

Hardware	Qualcomm	Sdm439	-	All	All	All
Operating System	Qualcomm	Sdm439 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm439 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx24	-	All	All	All
Hardware	Qualcomm	Sdx24	-	All	All	All
Operating System	Qualcomm	Sdx24 Firmware	-	All	All	All
Operating System	Qualcomm	Sdx24 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 425	-	All	All	All
Hardware	Qualcomm	Sd 425	-	All	All	All
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 429	-	All	All	All
Hardware	Qualcomm	Sd 429	-	All	All	All
Operating System	Qualcomm	Sd 429 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 429 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 439	-	All	All	All
Hardware	Qualcomm	Sd 439	-	All	All	All
Operating System	Qualcomm	Sd 439 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 439 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 450	-	All	All	All
Hardware	Qualcomm	Sd 450	-	All	All	All
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 625	-	All	All	All
Hardware	Qualcomm	Sd 625	-	All	All	All
Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 632	-	All	All	All
Hardware	Qualcomm	Sd 632	-	All	All	All
Operating System	Qualcomm	Sd 632 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 632 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 665	-	All	All	All
Hardware	Qualcomm	Sd 665	-	All	All	All
Operating System	Qualcomm	Sd 665 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 665 Firmware	-	All	All	All

Hardware	Qualcomm	Sd 670	-	All	All	All
Hardware	Qualcomm	Sd 670	-	All	All	All
Operating System	Qualcomm	Sd 670 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 670 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 675	-	All	All	All
Hardware	Qualcomm	Sd 675	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 710	-	All	All	All
Hardware	Qualcomm	Sd 710	-	All	All	All
Operating System	Qualcomm	Sd 710 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 710 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 712	-	All	All	All
Hardware	Qualcomm	Sd 712	-	All	All	All
Operating System	Qualcomm	Sd 712 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 712 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 730	-	All	All	All
Hardware	Qualcomm	Sd 730	-	All	All	All
Operating System	Qualcomm	Sd 730 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 730 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 845	-	All	All	All
Hardware	Qualcomm	Sd 845	-	All	All	All
Operating System	Qualcomm	Sd 845 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 845 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 850	-	All	All	All
Hardware	Qualcomm	Sd 850	-	All	All	All
Operating System	Qualcomm	Sd 850 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 850 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 855	-	All	All	All
Hardware	Qualcomm	Sd 855	-	All	All	All
Operating System	Qualcomm	Sd 855 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 855 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
August 2019 Code Aurora Security Bulletin - Code Aurora	CONFIRM	<a href="http://www.codeaurora.org">www.codeaurora.org</a>	Patch, Third Party Advisory

CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[610347](#) Google Android May 2021 Security Patch Missing for Huawei EMUI

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