



# CVE-2023-28576

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

## Summary

<b>CVE</b>	CVE-2023-28576
<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>	2023-08-08 10:15:00 UTC
<b>Updated</b>	2023-08-15 16:24:00 UTC
<b>Description</b>	The buffer obtained from kernel APIs such as cam_mem_get_cpu_buf() may be readable/writable in userspace after kernel

## Risk And Classification

### Problem Types: CWE-367

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6800</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6800 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6900</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6900 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 7800</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 7800 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6391</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6391 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6426</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6426 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6436</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6436 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcn9074</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcn9074 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcs410</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcs410 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcs610</a>	-	All	All	All

Operating System	Qualcomm	Qcs610 Firmware	-	All	All	All
Hardware	Qualcomm	Sd865 5g	-	All	All	All
Operating System	Qualcomm	Sd865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 865 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 865 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 870 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 870 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 8 Gen 1	-	All	All	All
Operating System	Qualcomm	Snapdragon 8 Gen 1 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X55 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon X55 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Xr2 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon Xr2 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sw5100	-	All	All	All
Hardware	Qualcomm	Sw5100p	-	All	All	All
Operating System	Qualcomm	Sw5100p Firmware	-	All	All	All
Operating System	Qualcomm	Sw5100 Firmware	-	All	All	All
Hardware	Qualcomm	Sxr2130	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9341	-	All	All	All
Operating System	Qualcomm	Wcd9341 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9370	-	All	All	All
Operating System	Qualcomm	Wcd9370 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9380	-	All	All	All
Operating System	Qualcomm	Wcd9380 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3660b	-	All	All	All
Operating System	Qualcomm	Wcn3660b Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3680b	-	All	All	All
Operating System	Qualcomm	Wcn3680b Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3950	-	All	All	All
Operating System	Qualcomm	Wcn3950 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3980	-	All	All	All
Operating System	Qualcomm	Wcn3980 Firmware	-	All	All	All

Hardware	Qualcomm	Wcn3988	-	All	All	All
Operating System	Qualcomm	Wcn3988 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8810	-	All	All	All
Operating System	Qualcomm	Wsa8810 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8815	-	All	All	All
Operating System	Qualcomm	Wsa8815 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8830	-	All	All	All
Operating System	Qualcomm	Wsa8830 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8835	-	All	All	All
Operating System	Qualcomm	Wsa8835 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
Qualcomm Documentation	MISC	<a href="http://www.qualcomm.com">www.qualcomm.com</a>	
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.

There are currently no legacy QID mappings associated with this CVE.

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