



# CVE-2023-20830

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

## Summary

<b>CVE</b>	CVE-2023-20830
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mediatek.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-09-04 03:15:00 UTC
<b>Updated</b>	2023-09-07 19:07:00 UTC
<b>Description</b>	In gps, there is a possible out of bounds write due to a missing bounds check. This could lead to local escalation of privilege

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	12.0	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	13.0	All	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Yocto</a>	2.6	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt2713</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt2735</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6761</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6762</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6765</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6768</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6769</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6779</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6833</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6835</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6853</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6853t</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6855</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6873</a>	-	All	All	All

Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6875</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6877</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6879</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6880</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6883</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6885</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6886</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6889</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6890</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6891</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6893</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6895</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6980</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6983</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6985</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt6990</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8167</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8167s</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8168</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8173</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8195</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8362a</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8365</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8781</a>	-	All	All	All
Operating System	<a href="#">Openwrt</a>	<a href="#">Openwrt</a>	19.07.0	-	All	All
Operating System	<a href="#">Openwrt</a>	<a href="#">Openwrt</a>	21.02.0	-	All	All
Application	<a href="#">Rdkcentral</a>	<a href="#">Rdk-b</a>	2022q3	All	All	All

## References

Reference	Source	Link	Tags
September 2023	MISC	<a href="http://corp.mediatek.com">corp.mediatek.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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