



# CVE-2023-20811

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

## Summary

<b>CVE</b>	CVE-2023-20811
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mediatek.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-08-07 04:15:00 UTC
<b>Updated</b>	2023-08-09 17:51:00 UTC
<b>Description</b>	In IOMMU, there is a possible out of bounds write due to a missing bounds check. This could lead to local escalation of priv

## 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>	10.0	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	11.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	4.19	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt5221</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt5583</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt5691</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt5695</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9010</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9011</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9012</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9016</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9020</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9021</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9022</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9030</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9031</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9032</a>	-	All	All	All

Hardware	Mediatek	Mt9216	-	All	All	All
Hardware	Mediatek	Mt9218	-	All	All	All
Hardware	Mediatek	Mt9220	-	All	All	All
Hardware	Mediatek	Mt9221	-	All	All	All
Hardware	Mediatek	Mt9222	-	All	All	All
Hardware	Mediatek	Mt9255	-	All	All	All
Hardware	Mediatek	Mt9256	-	All	All	All
Hardware	Mediatek	Mt9266	-	All	All	All
Hardware	Mediatek	Mt9269	-	All	All	All
Hardware	Mediatek	Mt9286	-	All	All	All
Hardware	Mediatek	Mt9288	-	All	All	All
Hardware	Mediatek	Mt9602	-	All	All	All
Hardware	Mediatek	Mt9610	-	All	All	All
Hardware	Mediatek	Mt9611	-	All	All	All
Hardware	Mediatek	Mt9612	-	All	All	All
Hardware	Mediatek	Mt9613	-	All	All	All
Hardware	Mediatek	Mt9615	-	All	All	All
Hardware	Mediatek	Mt9617	-	All	All	All
Hardware	Mediatek	Mt9618	-	All	All	All
Hardware	Mediatek	Mt9629	-	All	All	All
Hardware	Mediatek	Mt9630	-	All	All	All
Hardware	Mediatek	Mt9631	-	All	All	All
Hardware	Mediatek	Mt9632	-	All	All	All
Hardware	Mediatek	Mt9636	-	All	All	All
Hardware	Mediatek	Mt9638	-	All	All	All
Hardware	Mediatek	Mt9639	-	All	All	All
Hardware	Mediatek	Mt9649	-	All	All	All
Hardware	Mediatek	Mt9650	-	All	All	All
Hardware	Mediatek	Mt9652	-	All	All	All
Hardware	Mediatek	Mt9653	-	All	All	All
Hardware	Mediatek	Mt9666	-	All	All	All
Hardware	Mediatek	Mt9667	-	All	All	All
Hardware	Mediatek	Mt9669	-	All	All	All
Hardware	Mediatek	Mt9671	-	All	All	All
Hardware	Mediatek	Mt9675	-	All	All	All

Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9685</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9686</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt9688</a>	-	All	All	All

## References

Reference	Source	Link	Tags
August 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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