



CVE-2025-20781

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2025-20781 |
| State | PUBLISHED |
| Assigner | MediaTek |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-01-06 02:15:42 UTC |
| Updated | 2026-03-30 12:16:21 UTC |
| Description | In display, there is a possible memory corruption due to use after free. This could lead to local escalation of privilege if a me |

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from ADP

CVSS: 3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000070000 probability, percentile 0.004500000 (date 2026-04-01)

Problem Types: CWE-415 | CWE-416 | CWE-415 CWE-415 Double Free

| Version | Source | Type | Score | Severity | Vector |
|---------|--------------------------------------|-----------|-------|----------|--|
| 3.1 | ADP | DECLARED | 7.8 | HIGH | CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H |
| 3.1 | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | Secondary | 7.8 | HIGH | CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H |

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|----------|---------|---------|--------|---------|----------|
| Operating System | Google | Android | 14.0 | All | All | All |
| Operating System | Google | Android | 15.0 | All | All | All |
| Operating System | Google | Android | 16.0 | - | All | All |
| Hardware | Mediatek | Mt6739 | - | All | All | All |
| Hardware | Mediatek | Mt6761 | - | All | All | All |
| Hardware | Mediatek | Mt6765 | - | All | All | All |
| Hardware | Mediatek | Mt6768 | - | All | All | All |
| Hardware | Mediatek | Mt6781 | - | All | All | All |
| Hardware | Mediatek | Mt6789 | - | All | All | All |
| Hardware | Mediatek | Mt6833 | - | All | All | All |
| Hardware | Mediatek | Mt6835 | - | All | All | All |
| Hardware | Mediatek | Mt6853 | - | All | All | All |
| Hardware | Mediatek | Mt6855 | - | All | All | All |
| Hardware | Mediatek | Mt6877 | - | All | All | All |
| Hardware | Mediatek | Mt6878 | - | All | All | All |
| Hardware | Mediatek | Mt6879 | - | All | All | All |
| Hardware | Mediatek | Mt6883 | - | All | All | All |
| Hardware | Mediatek | Mt6885 | - | All | All | All |
| Hardware | Mediatek | Mt6886 | - | All | All | All |
| Hardware | Mediatek | Mt6889 | - | All | All | All |
| Hardware | Mediatek | Mt6893 | - | All | All | All |
| Hardware | Mediatek | Mt6895 | - | All | All | All |
| Hardware | Mediatek | Mt6897 | - | All | All | All |
| Hardware | Mediatek | Mt6899 | - | All | All | All |
| Hardware | Mediatek | Mt6983 | - | All | All | All |
| Hardware | Mediatek | Mt6985 | - | All | All | All |
| Hardware | Mediatek | Mt6989 | - | All | All | All |
| Hardware | Mediatek | Mt6991 | - | All | All | All |
| Hardware | Mediatek | Mt8186 | - | All | All | All |

| | | | | | | |
|----------|----------|---------|---|-----|-----|-----|
| Hardware | Mediatek | Mt8188 | - | All | All | All |
| Hardware | Mediatek | Mt8196 | - | All | All | All |
| Hardware | Mediatek | Mt8667 | - | All | All | All |
| Hardware | Mediatek | Mt8673 | - | All | All | All |
| Hardware | Mediatek | Mt8676 | - | All | All | All |
| Hardware | Mediatek | Mt8678 | - | All | All | All |
| Hardware | Mediatek | Mt8765 | - | All | All | All |
| Hardware | Mediatek | Mt8766 | - | All | All | All |
| Hardware | Mediatek | Mt8768 | - | All | All | All |
| Hardware | Mediatek | Mt8771 | - | All | All | All |
| Hardware | Mediatek | Mt8781 | - | All | All | All |
| Hardware | Mediatek | Mt8791t | - | All | All | All |
| Hardware | Mediatek | Mt8792 | - | All | All | All |
| Hardware | Mediatek | Mt8793 | - | All | All | All |
| Hardware | Mediatek | Mt8795t | - | All | All | All |
| Hardware | Mediatek | Mt8796 | - | All | All | All |
| Hardware | Mediatek | Mt8798 | - | All | All | All |
| Hardware | Mediatek | Mt8873 | - | All | All | All |
| Hardware | Mediatek | Mt8883 | - | All | All | All |

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|---------------|------------------|-----------------|---------------|
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6739 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6761 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6765 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6768 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6781 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6789 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6833 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6835 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6853 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6855 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6877 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6878 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6879 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6880 | Not specified |

| | | | | |
|-----|-------------------------------|----------------------------------|------------------|---------------|
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6883 | not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6885 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6886 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6889 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6893 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6895 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6897 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6899 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6983 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6985 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6989 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT6991 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8186 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8188 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8196 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8667 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8673 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8676 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8678 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8765 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8766 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8768 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8771 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8781 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8791T | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8792 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8793 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8795T | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8796 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8798 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8873 | Not specified |
| CNA | MediaTek Inc. | MediaTek Chipset | affected MT8883 | Not specified |

References

| Reference | Source | Link | Tags |
|--|--|--|-----------------|
| corp.mediatek.com/product-security-bulletin/January-2026 | security@mediatek.com | corp.mediatek.com | Vendor Advisory |

| | | | |
|--------------------------|---------|--|---------------------|
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | 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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