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The MediaTek Product Security Bulletin contains details of security vulnerabilities affecting certain MediaTek chipsets. Device OEMs have been notified of all the issues and the corresponding security patches for at least two months before publication. We take the security of our chipsets and our customers' products very seriously. At this time, we are not aware of any active exploitation of these vulnerabilities in the wild.

The severity of the identified vulnerabilities was conducted based on the Common Vulnerability Scoring System version 3.1 (CVSS v3.1).

**Summary**

Severity	CVEs



	CVE-2025-20758, CVE-2025-20757, CVE-2025-20756, CVE-2025-20752, CVE-2025-20791, CVE-2025-20751, CVE-2025-20750
<b>Medium</b>	CVE-2025-20763, CVE-2025-20764, CVE-2025-20765, CVE-2025-20766, CVE-2025-20767, CVE-2025-20768, CVE-2025-20769, CVE-2025-20770, CVE-2025-20771, CVE-2025-20772, CVE-2025-20773, CVE-2025-20774, CVE-2025-20775, CVE-2025-20776, CVE-2025-20777, CVE-2025-20788, CVE-2025-20789

**Details**

<b>CVE</b>	<b>CVE-2025-20792</b>
<b>Title</b>	Reachable assertion in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-617 Reachable Assertion
<b>Description</b>	There is a possible system crash due to improper input validation.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8791T
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20753</b>
<b>Title</b>	Uncaught exception in Modem



<b>CWE</b>	CWE-248 Uncaught Exception
<b>Description</b>	There is a possible system crash due to an uncaught exception.
<b>Affected Chipsets</b>	MT2735, MT2737, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6879, MT6880, MT6883, MT6885, MT6886, MT6889, MT6890, MT6891, MT6893, MT6895, MT6895TT, MT6896, MT6980, MT6980D, MT6983, MT6983T, MT6985, MT6985T, MT6989, MT6989T, MT6990, MT8675, MT8771, MT8791, MT8791T, MT8797
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20754</b>
<b>Title</b>	Uncaught exception in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-248 Uncaught Exception
<b>Description</b>	There is a possible system crash due to an incorrect bounds check.
<b>Affected Chipsets</b>	MT2735, MT2737, MT6813, MT6833, MT6833P, MT6835, MT6835T, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6878, MT6878M, MT6879, MT6880, MT6883, MT6885, MT6886, MT6889, MT6890, MT6891, MT6893, MT6895, MT6895TT, MT6896, MT6897, MT6899, MT6980, MT6980D, MT6983, MT6983T, MT6985, MT6985T, MT6989, MT6989T, MT6990, MT6991, MT8673, MT8675, MT8676, MT8678, MT8755, MT8771, MT8791, MT8791T, MT8792, MT8793, MT8795T, MT8797, MT8798, MT8863, MT8873, MT8883, MT8893



<b>CVE</b>	<b>CVE-2025-20755</b>
<b>Title</b>	Null pointer dereference in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-476 NULL Pointer Dereference
<b>Description</b>	There is a possible application crash due to improper input validation.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8675, MT8771, MT8791, MT8791T, MT8797
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20790</b>
<b>Title</b>	Null pointer dereference in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-476 NULL Pointer Dereference
<b>Description</b>	There is a possible system crash due to improper input validation.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8675, MT8771, MT8791, MT8791T, MT8797



<b>CVE</b>	<b>CVE-2025-20759</b>
<b>Title</b>	Out-of-bounds read in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-125 Out-of-bounds Read
<b>Description</b>	There is a possible out of bounds read due to a missing bounds check.
<b>Affected Chipsets</b>	MT2735, MT2737, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6879, MT6880, MT6883, MT6885, MT6886, MT6889, MT6890, MT6891, MT6893, MT6895, MT6895TT, MT6896, MT6980, MT6980D, MT6983, MT6983T, MT6985, MT6985T, MT6989, MT6989T, MT6990, MT8673, MT8675, MT8771, MT8791, MT8791T, MT8795T, MT8797, MT8798, MT8893
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20758</b>
<b>Title</b>	Uncaught exception in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-248 Uncaught Exception
<b>Description</b>	There is a possible system crash due to an uncaught exception.



	MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6878, MT6878M, MT6879, MT6880, MT6883, MT6885, MT6886, MT6889, MT6890, MT6891, MT6893, MT6895, MT6895TT, MT6896, MT6897, MT6899, MT6980, MT6980D, MT6983, MT6983T, MT6985, MT6985T, MT6989, MT6989T, MT6990, MT6991, MT8673, MT8675, MT8676, MT8678, MT8755, MT8771, MT8791, MT8791T, MT8792, MT8793, MT8795T, MT8797, MT8798, MT8863, MT8873, MT8883, MT8893
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20757</b>
<b>Title</b>	Reachable assertion in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-617 Reachable Assertion
<b>Description</b>	There is a possible system crash due to improper input validation.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8675, MT8771, MT8791, MT8791T, MT8797
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20756</b>
<b>Title</b>	Specified type in Modem
<b>Severity</b>	High



<b>Description</b>	There is a possible system crash due to a logic error.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8673, MT8675, MT8676, MT8678, MT8755, MT8771, MT8791, MT8791T, MT8792, MT8793, MT8795T, MT8797, MT8798, MT8863, MT8873, MT8883, MT8893
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20752</b>
<b>Title</b>	Reachable assertion in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-617 Reachable Assertion
<b>Description</b>	There is a possible system crash due to a missing bounds check.
<b>Affected Chipsets</b>	MT2735, MT2737, MT6813, MT6833, MT6833P, MT6835, MT6835T, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6878, MT6878M, MT6879, MT6880, MT6883, MT6885, MT6886, MT6889, MT6890, MT6891, MT6893, MT6895, MT6895TT, MT6896, MT6897, MT6899, MT6980, MT6980D, MT6983, MT6983T, MT6985, MT6985T, MT6989, MT6989T, MT6990, MT6991, MT8676, MT8791T
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20791</b>
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<b>Severity</b>	High
<b>CWE</b>	CWE-617 Reachable Assertion
<b>Description</b>	There is a possible system crash due to incorrect error handling.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8675, MT8771, MT8791, MT8791T, MT8797
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20751</b>
<b>Title</b>	Out-of-bounds write in Modem
<b>Severity</b>	High
<b>CWE</b>	CWE-787 Out-of-bounds Write
<b>Description</b>	There is a possible system crash due to a missing bounds check.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8675, MT8771, MT8791, MT8791T, MT8797
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20750</b>
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<b>Severity</b>	High
<b>CWE</b>	CWE-476 NULL Pointer Dereference
<b>Description</b>	There is a possible system crash due to improper input validation.
<b>Affected Chipsets</b>	MT2735, MT6833, MT6833P, MT6853, MT6853T, MT6855, MT6855T, MT6873, MT6875, MT6875T, MT6877, MT6877T, MT6877TT, MT6880, MT6883, MT6885, MT6889, MT6890, MT6891, MT6893, MT8675, MT8771, MT8791, MT8791T, MT8797
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20763</b>
<b>Title</b>	Out-of-bounds write in mmdvfs
<b>Severity</b>	Medium
<b>CWE</b>	CWE-787 Out-of-bounds Write
<b>Description</b>	There is a possible out of bounds write due to a missing bounds check.
<b>Affected Chipsets</b>	MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793, MT8796, MT8873, MT8893
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20764</b>
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<b>Severity</b>	Medium
<b>CWE</b>	CWE-787 Out-of-bounds Write
<b>Description</b>	There is a possible out of bounds write due to a missing bounds check.
<b>Affected Chipsets</b>	MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793, MT8796, MT8873, MT8893
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20765</b>
<b>Title</b>	Double free in aee daemon
<b>Severity</b>	Medium
<b>CWE</b>	CWE-415 Double Free
<b>Description</b>	There is a possible system crash due to a race condition.
<b>Affected Chipsets</b>	MT2718, MT2737, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6880, MT6883, MT6885, MT6886, MT6889, MT6890, MT6893, MT6895, MT6897, MT6899, MT6980D, MT6983, MT6985, MT6989, MT6990, MT6991, MT8113, MT8115, MT8139, MT8163, MT8168, MT8169, MT8183, MT8186, MT8188, MT8512, MT8516, MT8518, MT8519, MT8532, MT8676, MT8678, MT8695, MT8696, MT8698



<b>CVE</b>	<b>CVE-2025-20766</b>
<b>Title</b>	Use of uninitialized variable in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-457 Use of Uninitialized Variable
<b>Description</b>	There is a possible memory corruption due to improper input validation.
<b>Affected Chipsets</b>	MT2718, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20767</b>
<b>Title</b>	Out-of-bounds write in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-787 Out-of-bounds Write
<b>Description</b>	There is a possible out of bounds write due to an integer overflow.



	MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20768</b>
<b>Title</b>	Out-of-bounds read in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-125 Out-of-bounds Read
<b>Description</b>	There is a possible out of bounds read due to a missing bounds check.
<b>Affected Chipsets</b>	MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20769</b>
<b>Title</b>	Stack overflow in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-121 Stack Overflow



<b>Affected Chipsets</b>	MT2718, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20770</b>
<b>Title</b>	Use after free in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-416 Use After Free
<b>Description</b>	There is a possible memory corruption due to use after free.
<b>Affected Chipsets</b>	MT2718, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20771</b>
<b>Title</b>	Use of uninitialized variable in display
<b>Severity</b>	Medium



<b>Description</b>	There is a possible escalation of privilege due to improper input validation.
<b>Affected Chipsets</b>	MT2718, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20772</b>
<b>Title</b>	Double free in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-415 Double Free
<b>Description</b>	There is a possible memory corruption due to use after free.
<b>Affected Chipsets</b>	MT2718, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20773</b>
<b>Title</b>	Double free in display



<b>CWE</b>	CWE-415 Double Free
<b>Description</b>	There is a possible memory corruption due to use after free.
<b>Affected Chipsets</b>	MT2718, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20774</b>
<b>Title</b>	Heap overflow in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-122 Heap Overflow
<b>Description</b>	There is a possible out of bounds write due to a missing bounds check.
<b>Affected Chipsets</b>	MT2718, MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8196, MT8676, MT8678, MT8792, MT8793
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20775</b>
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<b>Severity</b>	Medium
<b>CWE</b>	CWE-415 Double Free
<b>Description</b>	There is a possible memory corruption due to use after free.
<b>Affected Chipsets</b>	MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8186, MT8188, MT8196, MT8667, MT8673, MT8676, MT8678, MT8765, MT8766, MT8768, MT8771, MT8781, MT8791T, MT8792, MT8793, MT8795T, MT8796, MT8798, MT8873, MT8883
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20776</b>
<b>Title</b>	Out-of-bounds read in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-125 Out-of-bounds Read
<b>Description</b>	There is a possible out of bounds read due to a missing bounds check.



	MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8186, MT8188, MT8196, MT8667, MT8673, MT8676, MT8678, MT8765, MT8766, MT8768, MT8771, MT8781, MT8791T, MT8792, MT8793, MT8795T, MT8796, MT8798, MT8873, MT8883
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20777</b>
<b>Title</b>	Out-of-bounds write in display
<b>Severity</b>	Medium
<b>CWE</b>	CWE-787 Out-of-bounds Write
<b>Description</b>	There is a possible out of bounds write due to a missing bounds check.
<b>Affected Chipsets</b>	MT6739, MT6761, MT6765, MT6768, MT6781, MT6789, MT6833, MT6835, MT6853, MT6855, MT6877, MT6878, MT6879, MT6883, MT6885, MT6886, MT6889, MT6893, MT6895, MT6897, MT6899, MT6983, MT6985, MT6989, MT6991, MT8186, MT8188, MT8196, MT8667, MT8673, MT8676, MT8678, MT8765, MT8766, MT8768, MT8771, MT8781, MT8791T, MT8792, MT8793, MT8795T, MT8796, MT8798, MT8873, MT8883
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20788</b>
<b>Title</b>	Improper access control for register interface in GPU pdma



<b>CWE</b>	CWE-1262 Improper Access Control for Register Interface
<b>Description</b>	There is a possible memory corruption due to a missing permission check.
<b>Affected Chipsets</b>	MT6991, MT8196
<b>Report Source</b>	External

<b>CVE</b>	<b>CVE-2025-20789</b>
<b>Title</b>	Information exposure through sent data in GPU pdma
<b>Severity</b>	Medium
<b>CWE</b>	CWE-201 Information Exposure Through Sent Data
<b>Description</b>	There is a possible information disclosure due to a missing bounds check.
<b>Affected Chipsets</b>	MT6781, MT6833, MT6853, MT6877, MT6893, MT8196
<b>Report Source</b>	External

### Versions

<b>Version</b>	<b>Date</b>	<b>Description</b>
1.0	December 1, 2025	Bulletin published.

### Notes

Information above is generated only at the time of creation of this Security Bulletin. The list of affected chipsets could be not complete. For any further information, device OEMs can reach your MediaTek contact person if needed.



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