



# USB: gadget: f\_midi: f\_midi\_complete to call queue\_work

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

## Summary

<b>CVE</b>	CVE-2025-21859
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-03-12 10:15:18 UTC
<b>Updated</b>	2026-05-12 13:16:38 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: USB: gadget: f_midi: f_midi_complete to call queue_work

## Risk And Classification

**Primary CVSS:** v3.1 5.5 MEDIUM from nvd@nist.gov

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

**Problem Types:** CWE-667 | CWE-667 CWE-667 Improper Locking

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	ADP	DECLARED	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 727dee0
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 1f10923
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 b099576
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 24a9426
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 deeee3a
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 e9fec6f4
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 8aa6b4d
CNA	Linux	Linux	affected d5daf49b58661ec4af7a55b277176efbf945ca05 4ab37fc
CNA	Linux	Linux	affected 3.2
CNA	Linux	Linux	unaffected 3.2 semver
CNA	Linux	Linux	unaffected 5.4.291 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.235 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.179 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.130 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.80 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.17 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.5 6.13.* semver
CNA	Linux	Linux	unaffected 6.14 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

### References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/05/msg00030.html	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>
git.kernel.org/stable/c/deeee3adb2c01eedab32c3b4519337689ad02e8a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>

<a href="https://git.kernel.org/stable/c/e9fec6f42c45db2f62dc373fb1a10d2488c04e79">git.kernel.org/stable/c/e9fec6f42c45db2f62dc373fb1a10d2488c04e79</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/b09957657d7767d164b3432af2129bd72947553c">git.kernel.org/stable/c/b09957657d7767d164b3432af2129bd72947553c</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/8aa6b4be1f4efccbfc533e6ec8841d26e4fa8dba">git.kernel.org/stable/c/8aa6b4be1f4efccbfc533e6ec8841d26e4fa8dba</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://cert-portal.siemens.com/productcert/html/ssa-265688.html">cert-portal.siemens.com/productcert/html/ssa-265688.html</a>	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.com</a>
<a href="https://git.kernel.org/stable/c/4ab37fcb42832cdd3e9d5e50653285ca84d6686f">git.kernel.org/stable/c/4ab37fcb42832cdd3e9d5e50653285ca84d6686f</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://lists.debian.org/debian-lts-announce/2025/05/msg00045.html">lists.debian.org/debian-lts-announce/2025/05/msg00045.html</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>
<a href="https://git.kernel.org/stable/c/1f10923404705a94891e612dff3b75e828a78368">git.kernel.org/stable/c/1f10923404705a94891e612dff3b75e828a78368</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/727dee0857946b85232526de4f5a957fe163e89a">git.kernel.org/stable/c/727dee0857946b85232526de4f5a957fe163e89a</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/24a942610ee9bafb2692a456ae850c5b2e409b05">git.kernel.org/stable/c/24a942610ee9bafb2692a456ae850c5b2e409b05</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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