



comedi: me4000: Fix potential overrun of firmware buffer

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

Summary

CVE	CVE-2026-31747
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:37 UTC
Updated	2026-05-07 19:26:41 UTC

Description In the Linux kernel, the following vulnerability has been resolved: comedi: me4000: Fix potential overrun of firmware buffer

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.000240000 probability, percentile 0.068060000 (date 2026-05-05)

Problem Types: CWE-787

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

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	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 8ddfe6495c245226a30d8b36e2f4a7aa7712e8d6 git
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 64b24b713e1a3ea6624480594b4f8c2ff86502f2 git
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 f72b5567f7c117b46b4058dc6a0c7554f8565561 git
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 1603dd471f47762e9d1f52304edb3e49a7e62655 git
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 99f31aa98ab6e3805c455b65bcd01b3d48bdf1a5 git
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 eae19cab44204537f79146f15a51811b13227c38 git
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 de3f923ae7d91480ed3ecea1b1e1fc0dc25b597d git
CNA	Linux	Linux	affected ac584af599452748187cf6d7865b1607c54ee443 3fb43a7a5b44713f892c58ead2e5f3a1bc9f4ee7 git
CNA	Linux	Linux	affected 3.19
CNA	Linux	Linux	unaffected 3.19 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.134 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/64b24b713e1a3ea6624480594b4f8c2ff86502f2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/de3f923ae7d91480ed3ecea1b1e1fc0dc25b597d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/eae19cab44204537f79146f15a51811b13227c38	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f72b5567f7c117b46b4058dc6a0c7554f8565561	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/1603dd471f47762e9d1f52304edb3e49a7e62655	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/8ddfe6495c245226a30d8b36e2f4a7aa7712e8d6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/3fb43a7a5b44713f892c58ead2e5f3a1bc9f4ee7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

git.kernel.org/stable/c/99f31aa98ab6e3805c455b65bcd01b3d48bdf1a5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

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