iio: adc: ti-adc161s626: use DMA-safe memory for spi_read()

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-31768
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:39 UTC
Updated	2026-05-03 07:16:20 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: iio: adc: ti-adc161s626: use DMA-safe memory for spi_rea

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000240000 probability, percentile 0.068220000 (date 2026-05-02)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	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

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 4d671b71beefbfc145b971a11e0c3cabde94b673 b3bb8faeca1a2ef7be95ee8a512b639f9ffce947 git
CNA	Linux	Linux	affected 4d671b71beefbfc145b971a11e0c3cabde94b673 fa64aab25aba47296aa8d12bb4c88ec3fecb2054 git
CNA	Linux	Linux	affected 4d671b71beefbfc145b971a11e0c3cabde94b673 67b3a91bdc48220bfb67155ab528121b9c822782 gi
CNA	Linux	Linux	affected 4d671b71beefbfc145b971a11e0c3cabde94b673 014c6d27878d3883f7bb065610768fd021de1a96 git
CNA	Linux	Linux	affected 4d671b71beefbfc145b971a11e0c3cabde94b673 d2d031b0786ea66ab0577c9d2d71435068d32199 g
CNA	Linux	Linux	affected 4d671b71beefbfc145b971a11e0c3cabde94b673 768461517a28d80fe81ea4d5d03a90cd184ea6ad gi
CNA	Linux	Linux	affected 4.9
CNA	Linux	Linux	unaffected 4.9 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/014c6d27878d3883f7bb065610768fd021de1a96	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/768461517a28d80fe81ea4d5d03a90cd184ea6ad	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/b3bb8faeca1a2ef7be95ee8a512b639f9ffce947	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d2d031b0786ea66ab0577c9d2d71435068d32199	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/67b3a91bdc48220bfb67155ab528121b9c822782	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/fa64aab25aba47296aa8d12bb4c88ec3fecb2054	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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