



HID: core: Fix assumption that Resolution Multipliers must be in Logical Collections

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2024-57986
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-02-27 02:15:12 UTC
Updated	2026-05-12 13:16:25 UTC

Description In the Linux kernel, the following vulnerability has been resolved: HID: core: Fix assumption that Resolution Multipliers must

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: NVD-CWE-noinfo

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 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc 3a002e
CNA	Linux	Linux	affected 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc 05dd7c
CNA	Linux	Linux	affected 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc a32ea3
CNA	Linux	Linux	affected 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc bebf54
CNA	Linux	Linux	affected 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc ed3d3f
CNA	Linux	Linux	affected 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc ebaeca
CNA	Linux	Linux	affected 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc a5498f
CNA	Linux	Linux	affected 5a4abb36f312cf83206b1b7d1308ba47cba0b3cc 64f265
CNA	Linux	Linux	affected 5.0
CNA	Linux	Linux	unaffected 5.0 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 6.1.129 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.76 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.13 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.2 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	lists.debian.org
git.kernel.org/stable/c/ebaeca33d32c8bdb705a8c88267737a456f354b1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/bebf542e8d7c44a18a95f306b1b5dc160c823506	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/3a002e4029230d9a6be89f869b2328b258612f5c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
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git.kernel.org/stable/c/05dd7d10675b540b8b7b31035c0a8abb6e6f3b88	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/a32ea3f982b389ea43a41ce77b6fb70d74006d9b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/03/msg00028.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/a5498f1f864ea26f4c613c77f54409c776a95a90	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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