# CVE-2015-7515

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

## Summary

| | |
|---|---|
| **CVE** | CVE-2015-7515 |
| **State** | PUBLISHED |
| **Assigner** | redhat |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2016-04-27 17:59:01 UTC |
| **Updated** | 2026-05-06 22:30:45 UTC |
| **Description** | The aiptek_probe function in drivers/input/tablet/aiptek.c in the Linux kernel before 4.4 allows physically proximate attackers |

## Risk And Classification

**Primary CVSS:** v3.1 4.6 MEDIUM from nvd@nist.gov

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

**Problem Types:** CWE-476 | n/a

| Version | Source | Type | Score | Severity | Vector |
|---|---|---|---|---|---|
| 3.1 | nvd@nist.gov | Primary | 4.6 | MEDIUM | CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H |
| 2.0 | nvd@nist.gov | Primary | 4.9 | | AV:L/AC:L/Au:N/C:N/I:N/A:C |

## CVSS v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

## CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:N/C:N/I:N/A:C

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Linux | Linux Kernel | All | All | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc1 | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc2 | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc3 | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc4 | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc5 | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc6 | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc7 | All | All |
| Operating System | Linux | Linux Kernel | 4.4 | rc8 | All | All |

## Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|---|---|---|---|---|
| CNA | Na | N/a | affected n/a | Not specified |

## References

| Reference | Source |
|---|---|
| USN-2968-2: Linux kernel (Trusty HWE) vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| Linux Kernel 3.10.0 (CentOS / RHEL 7.1) - 'aiptek' Nullpointer Dereference - Linux dos Exploit | af854a3a-2127-422b-91ae-364da2661108 |

| | |
|---|---|
| USN-2971-2: Linux kernel (Wily HWE) vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| [security-announce] SUSE-SU-2016:2074-1: important: Security update for | af854a3a-2127-422b-91ae-364da2661108 |
| USN-2968-1: Linux kernel vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| Linux Kernel CVE-2015-7515 Local Denial of Service Vulnerability | af854a3a-2127-422b-91ae-364da2661108 |
| USN-2971-1: Linux kernel vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| kernel/git/torvalds/linux.git - Linux kernel source tree | af854a3a-2127-422b-91ae-364da2661108 |
| Debian -- Security Information -- DSA-3607-1 linux | af854a3a-2127-422b-91ae-364da2661108 |
| USN-2967-2: Linux kernel (OMAP4) vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| USN-2969-1: Linux kernel (Utopic HWE) vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| Input: aiptek - fix crash on detecting device without endpoints · torvalds/linux@8e20cf2 · GitHub | af854a3a-2127-422b-91ae-364da2661108 |
| [security-announce] SUSE-SU-2016:0911-1: important: Security update for | af854a3a-2127-422b-91ae-364da2661108 |
| USN-2970-1: Linux kernel (Vivid HWE) vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| USN-2971-3: Linux kernel (Raspberry Pi 2) vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| [security-announce] SUSE-SU-2016:1102-1: important: Security update for | af854a3a-2127-422b-91ae-364da2661108 |
| USN-2967-1: Linux kernel vulnerabilities \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 |
| CVE-2015-7515 | af854a3a-2127-422b-91ae-364da2661108 |
| Bug 1285326 – CVE-2015-7515 kernel: aiptek: crash on invalid USB device descriptors | af854a3a-2127-422b-91ae-364da2661108 |
| CVE Program record | CVE.ORG |
| NVD vulnerability detail | NVD |

No vendor comments have been submitted for this CVE.

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