



CVE-2025-48520

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2025-48520 |
| State | PUBLISHED |
| Assigner | AMD |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-05-15 02:16:22 UTC |
| Updated | 2026-05-15 02:16:22 UTC |
| Description | An improper input validation vulnerability within the AMD Platform Management Framework (PMF) driver can allow a local s |

Risk And Classification

Primary CVSS: v4.0 6.9 MEDIUM from psirt@amd.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-125 | CWE-125 CWE-125 Out-of-bounds Read

| Version | Source | Type | Score | Severity | Vector |
|---------|---------------|-----------|-------|----------|--|
| 4.0 | psirt@amd.com | Secondary | 6.9 | MEDIUM | CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X |
| 4.0 | CNA | CVSS | 6.9 | MEDIUM | CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:N/VA:H/SC:N/SI:N/SA:N |

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

Low

Integrity

None

None

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Vendor Declared Affected Products

| Source | Vendor | Product | Version |
|--------|--------|--|------------------|
| CNA | AMD | AMD Ryzen 7035 Series Processors With Radeon Graphics Formerly Codenamed Rembrandt R | unaffected 7.06. |
| CNA | AMD | AMD Ryzen 7040 Series Mobile Processors With Radeon Graphics Formerly Codenamed Phoenix | unaffected 7.06. |
| CNA | AMD | AMD Ryzen 8040 Series Mobile Processors With Radeon Graphics Formerly Codenamed Hawk Point | unaffected 7.06. |
| CNA | AMD | AMD Ryzen 6000 Series Processors With Radeon Graphics Formerly Codenamed Rembrandt | unaffected 7.06. |
| CNA | AMD | AMD Ryzen Embedded 8000 Series Processors | unaffected amd |

References

| Reference | Source | Link | Tags |
|---|---------------|--------------|---------------------|
| www.amd.com/en/resources/product-security/bulletin/AMD-SB-4015.html | psirt@amd.com | www.amd.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

Vendor Comments And Credit

Discovery Credit

CNA: Reported through AMD Bug Bounty Program (en)

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

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