



CVE-2025-0028

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

Summary

CVE	CVE-2025-0028
State	PUBLISHED
Assigner	AMD
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-15 03:16:21 UTC
Updated	2026-05-15 03:16:21 UTC
Description	An unchecked return value within the AMD Platform Management Framework (PMF) could allow an attacker to read or modify system memory.

Risk And Classification

Primary CVSS: v4.0 8.3 HIGH from psirt@amd.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:N/VA:H/SC:H/SI:N/SA:H/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-252 | CWE-252 CWE-252 Unchecked Return Value

Version	Source	Type	Score	Severity	Vector
4.0	psirt@amd.com	Secondary	8.3	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:N/VA:H/SC:H/SI:N/SA:H/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	8.3	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:N/VA:H/SC:H/SI:N/SA:H

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

High

Integrity

None

None
Availability
High
Sub Conf.
High
Sub Integrity
None
Sub Availability
High

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:N/VA:H/SC:H/SI:N/SA:H/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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