



CVE-2025-0044

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

Summary

CVE	CVE-2025-0044
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 out-of-bounds read in power management firmware by a malicious local attacker with low privileges could potentially lead to a denial of service.

Risk And Classification

Primary CVSS: v4.0 4.8 MEDIUM from psirt@amd.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:N/VA:L/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	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:N/VA:L/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	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:N/VA:L/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

Availability

Low

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:L/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:MSC:X/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 AI Max	unaffected AMD Software: Adrenalin Edition 24.7.1
CNA	AMD	AMD Ryzen AI 300 Series Processors	unaffected AMD Software: Adrenalin Edition 24.7.1
CNA	AMD	AMD Ryzen 7040 Series Mobile Processors With Radeon Graphics	unaffected AMD Software: Adrenalin Edition 24.7.1
CNA	AMD	AMD Ryzen 8000 Series Desktop Processors	unaffected AMD Software: Adrenalin Edition 24.7.1
CNA	AMD	AMD Ryzen 8040 Series Mobile Processors With Radeon Graphics	unaffected AMD Software: Adrenalin Edition 24.7.1
CNA	AMD	AMD Ryzen Embedded 8000 Series Processors	unaffected Graphics driver: version 25.6.1, branch:
CNA	AMD	AMD Radeon RX 7000 Series Graphics Products	unaffected AMD Software: Adrenalin Edition 24.7.1
CNA	AMD	AMD Radeon PRO W7000 Series Graphics Products	unaffected AMD Software: PRO Edition 24.Q2 (24.

References

Reference	Source	Link	Tags
www.amd.com/en/resources/product-security/bulletin/AMD-SB-6027.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

No vendor comments have been submitted for this CVE.

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

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