



CVE-2025-48516

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Summary

CVE	CVE-2025-48516
State	PUBLISHED
Assigner	AMD
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-15 03:16:22 UTC
Updated	2026-05-15 03:16:22 UTC
Description	Insecure default configuration state of DDR5 memory module by AGESA Bootloader Firmware could allow an attacker with

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:N/VI:L/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-276 | CWE-276 CWE-276 Incorrect Default Permissions

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:N/VI:L/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:N/VI:L/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

None

Integrity

Low

Low

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:N/VI:L/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	Platform
CNA	AMD	AMD Ryzen 4000 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7035 Series Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Athlon 3000 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7040 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7020 Series Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7045 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7000 Series Desktop Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 3000 Series Desktop Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen Threadripper PRO 3000 WX-Series Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7030 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen Threadripper PRO 3000 WX-Series Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen Threadripper 3000 Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 9000HX Series Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen AI 300 Series Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Athlon 3000 Series Desktop Processors With Radeon Graphics	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen Threadripper PRO 5000 WX-Series Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen Threadripper PRO 7000 WX-Series Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7000 Series Desktop Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 7000 Series Desktop Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 8000 Series Desktop Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 8000 Series Desktop Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 9000 Series Desktop Processors	unaffected No fix planned	Not specified
CNA	AMD	AMD Ryzen 5000 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not specified

CNA	AMD	AMD Ryzen 5000 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 4000 Series Desktop Processors	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 5000 Series Desktop Processors	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 5000 Series Desktop Processors With Radeon Graphics	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 3000 Series Desktop Processors	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 5000 Series Desktop Processors	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 8040 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 3000 Series Mobile Processors With Radeon Graphics	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen 6000 Series Processors With Radeon Graphics	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen AI Max 300 Series Processors	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen Z1 Series Processors	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen Z2 Series Processors Extreme	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen Z2 Series Processors	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen Z2 Series Processors Go	unaffected No fix planned	Not s
CNA	AMD	AMD Ryzen Threadripper PRO 7000 WX-Series Processors	unaffected ShimadaPeakPI-SP6 1.0.0.1b	Not s
CNA	AMD	AMD Ryzen Threadripper 7000 Processors	unaffected ShimadaPeakPI-SP6 1.0.0.1b	Not s
CNA	AMD	AMD Ryzen Threadripper 9000 Processors	unaffected ShimadaPeakPI-SP6 1.0.0.1b	Not s
CNA	AMD	AMD Ryzen Threadripper PRO 9000 WX-Series Processors	unaffected ShimadaPeakPI-SP6 1.0.0.1b	Not s

References

Reference	Source	Link	Tags
www.amd.com/en/resources/product-security/bulletin/AMD-SB-4017.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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