



CVE-2024-36345

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

Summary

CVE	CVE-2024-36345
State	PUBLISHED
Assigner	AMD
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-15 02:16:20 UTC
Updated	2026-05-15 02:16:20 UTC
Description	Improper input validation in the AMD OverDrive (AOD) System Management Mode (SMM) module could allow a privileged

Risk And Classification

Primary CVSS: v4.0 4.6 MEDIUM from psirt@amd.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:N/VA:N/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-1274 | CWE-1274 CWE-1274 Improper Access Control for Volatile Memory Containing Boot Code

Version	Source	Type	Score	Severity	Vector
4.0	psirt@amd.com	Secondary	4.6	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:N/VA:N/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	4.6	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:N/VA:N/SC:N/SI:N/SA:N

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

Low

Integrity

None

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:N/VA:N/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: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	F
CNA	AMD	AMD EPYC 4004	unaffected ComboAM5PI 1.1.0.3d	N
CNA	AMD	AMD EPYC 4005	unaffected ComboAM5 1.2.0.3j	N
CNA	AMD	AMD Ryzen 6000 Series Processors With Radeon Graphics	unaffected RembrandtPI-FP7_1.0.0.Bg	N
CNA	AMD	AMD Ryzen 7040 Series Mobile Processors With Radeon Graphics	unaffected PhoenixPI-FP8-FP7_1.2.0.0f	N
CNA	AMD	AMD Ryzen 7045 Series Mobile Processors With Radeon Graphics	unaffected DragonRangeFL1_1.0.0.3l	N
CNA	AMD	AMD Ryzen 7000 Series Desktop Processors	unaffected ComboAM5PI 1.0.0.e	N
CNA	AMD	AMD Ryzen 7000 Series Desktop Processors	unaffected ComboAM5PI 1.1.0.3g	N
CNA	AMD	AMD Ryzen 7000 Series Desktop Processors	unaffected ComboAM5PI 1.2.0.3j	N
CNA	AMD	AMD Ryzen 9000HX Series Mobile Processors	unaffected FireRangeFL1PI 1.0.0.0f	N
CNA	AMD	AMD Ryzen AI MAX	unaffected StrixHaloPI-FP11_1.0.0.2b	N
CNA	AMD	AMD Ryzen AI 300 Series Processors	unaffected StrixKrackanPI-FP8_1.1.0.0f	N
CNA	AMD	AMD Ryzen AI 300 Series Processors	unaffected StrixKrackanPI-FP8_1.1.0.2e	N
CNA	AMD	AMD Ryzen Threadripper 7000 Processors	unaffected StormPeakPI-SP6 1.1.0.0k	N
CNA	AMD	AMD Ryzen Threadripper PRO 7000 WX-Series Processors	unaffected StormPeakPI-SP6 1.0.0.1m	N
CNA	AMD	AMD Ryzen Threadripper PRO 7000 WX-Series Processors	unaffected StormPeakPI-SP6 1.1.0.0k	N
CNA	AMD	AMD Ryzen 8000 Series Desktop Processors	unaffected ComboAM5PI 1.1.0.3g	N
CNA	AMD	AMD Ryzen 8000 Series Desktop Processors	unaffected ComboAM5PI 1.2.0.3j	N
CNA	AMD	AMD Ryzen 9000 Series Desktop Processors	unaffected ComboAM5PI 1.2.0.3j	N
CNA	AMD	AMD Ryzen 9000 Series Desktop Processors	unaffected ComboAM5PI 1.2.0.3j	N
CNA	AMD	AMD Ryzen 8040 Series Mobile Processors With Radeon Graphics	unaffected PhoenixPI-FP8-FP7_1.2.0.0f	N
CNA	AMD	AMD Ryzen Embedded 8000 Series Processors	unaffected EmbeddedPhoenixPI-FP7r2_1.0.0.4	N
CNA	AMD	AMD Ryzen Embedded V3000 Series Processors	unaffected Embedded-PI_FP7r2 1012	N
CNA	AMD	AMD Ryzen Embedded 7000 Series Processors	unaffected EmbeddedAM5PI 1.0.0.7	N

CNA	AMD	AMD Ryzen Embedded 7000 Series Processors	unaffected EmbeddedAM5PI 1.0.0.7	
CNA	AMD	AMD Ryzen Embedded 9000 Series Processors	unaffected EmbeddedAM5PI 1.0.0.7	

References

Reference	Source	Link	Tags
www.amd.com/en/resources/product-security/bulletin/AMD-SB-3030.html	psirt@amd.com	www.amd.com	
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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