



CVE-2025-0040

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

Summary

CVE	CVE-2025-0040
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	Improper access control between the Joint Test Action Group (JTAG) and Advanced Extensible Interface (AXI) could allow

Risk And Classification

Primary CVSS: v4.0 5.3 MEDIUM from psirt@amd.com

CVSS:4.0/AV:P/AC:H/AT:P/PR:N/UI:N/VC:H/VI:H/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-284 | CWE-284 CWE-284 Improper Access Control

Version	Source	Type	Score	Severity	Vector
4.0	psirt@amd.com	Secondary	5.3	MEDIUM	CVSS:4.0/AV:P/AC:H/AT:P/PR:N/UI:N/VC:H/VI:H/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	5.3	MEDIUM	CVSS:4.0/AV:P/AC:H/AT:P/PR:N/UI:N/VC:H/VI:H/VA:N/SC:N/SI:N/SA:N

CVSS v4.0 Breakdown

Attack Vector

Physical

Attack Complexity

High

Attack Requirements

Present

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

High

High

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:P/AC:H/AT:P/PR:N/UI:N/VC:H/VI:H/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

Vendor Declared Affected Products

Source	Vendor	Product	Version	F
CNA	AMD	AMD Ryzen 7040 Series Mobile Processors With Radeon Graphics	unaffected PhoenixPI-FP8-FP7_1.2.0.B	M
CNA	AMD	AMD Ryzen 8000 Series Desktop Processors	unaffected ComboAM5PI 1.2.0.3d	M
CNA	AMD	AMD Ryzen 8000 Series Desktop Processors	unaffected ComboAM5PI 1.1.0.3d	M
CNA	AMD	AMD Ryzen 8040 Series Mobile Processors With Radeon Graphics	unaffected PhoenixPI-FP8-FP7_1.2.0.B	M
CNA	AMD	AMD Ryzen Embedded 8000 Series Processors	unaffected EmbeddedPhoenixPI-FP7r2_1.0.0.2	M

References

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