



GPU DDK - Cache resident PM buffers writable by other GPU requestors, leading to arbitrary write to physical memory

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

Summary

CVE	CVE-2026-22167
State	PUBLISHED
Assigner	imaginationtech
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 16:16:29 UTC
Updated	2026-05-01 20:16:21 UTC
Description	Software installed and run as a non-privileged user may conduct improper GPU system calls to force GPU to write to arbitra

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from ADP

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-119 | CWE-119 CWE - CWE-119: Improper Restriction of Operations within the Bounds of a Memory Buffer (4.18)

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Imagination Technologies	Graphics DDK	affected 1.18 RTM custom	Linux, Android
CNA	Imagination Technologies	Graphics DDK	affected 23.2 RTM custom	Linux, Android
CNA	Imagination Technologies	Graphics DDK	affected 24.1 RTM 24.2 RTM custom	Linux, Android
CNA	Imagination Technologies	Graphics DDK	affected 25.1 RTM 25.3 RTM custom	Linux, Android
CNA	Imagination Technologies	Graphics DDK	unaffected 26.1 RTM custom	Linux, Android

References

Reference	Source	Link	Tags
www.imaginationtech.com/gpu-driver-vulnerabilities	367425dc-4d06-4041-9650-c2dc6aaa27ce	www.imaginationtech.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, an

No vendor comments have been submitted for this CVE.

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

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