



GPU DDK - Unsafe writing of MMU PT entries on systems with 32-bit host CPU

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

Summary

CVE	CVE-2026-22163
State	PUBLISHED
Assigner	imaginationtech
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-20 23:16:42 UTC
Updated	2026-04-21 16:53:35 UTC
Description	Requires malware code to misuse the DDK kernel module IOCTL interface. Such code can use the interface in an unsuppo

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from ADP

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

EPSS: 0.000150000 probability, percentile 0.032030000 (date 2026-04-22)

Problem Types: CWE-820 | CWE-820 CWE-820: Missing Synchronization (4.19)

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

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Imaginationtech	Ddk	1.17	All	All	All
Application	Imaginationtech	Ddk	1.18	All	All	All
Application	Imaginationtech	Ddk	23.2	All	All	All
Application	Imaginationtech	Ddk	24.1	All	All	All
Application	Imaginationtech	Ddk	24.2	All	All	All
Application	Imaginationtech	Ddk	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Imagination Technologies	Graphics DDK	affected 1.17 RTM custom	Linux, Android
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	Vendor Advis
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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