



CVE-2023-44216

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

Summary

CVE	CVE-2023-44216
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-27 15:19:00 UTC
Updated	2023-10-05 14:36:00 UTC
Description	PVRIC (PowerVR Image Compression) on Imagination 2018 and later GPU devices offers software-transparent compressio

Risk And Classification

Problem Types: CWE-203

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Amd	Ryzen 5 7600x	-	All	All	All
Hardware	Amd	Ryzen 7 4800u	-	All	All	All
Hardware	Apple	M1 Mac Mini	-	All	All	All
Operating System	Apple	Macos	13.1	All	All	All
Operating System	Canonical	Ubuntu Linux	22.04	All	All	All
Operating System	Google	Android	13.0	All	All	All
Hardware	Google	Pixel 6	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All
Hardware	Intel	Core I7-10610u	-	All	All	All
Hardware	Intel	Core I7-11800h	-	All	All	All
Hardware	Intel	Core I7-12700k	-	All	All	All
Hardware	Intel	Core I7-8700	-	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 11	-	All	All	All
Operating System	Microsoft	Windows 11	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2080 Super	-	All	All	All
Hardware	Nvidia	Geforce Rtx 3060	-	All	All	All

References

Reference	Source	Link	Tags
GitHub - UT-Security/gpu-zip	MISC	github.com	
www.hertzbleed.com/gpu.zip/GPU-zip.pdf	MISC	www.hertzbleed.com	
Modern GPUs vulnerable to new GPU.zip side-channel attack	MISC	www.bleepingcomputer.com	
GPU.zip	MISC	www.hertzbleed.com	
Filter Effects Module Level 1	MISC	www.w3.org	
Reducing memory bandwidth with PVRIC - Imagination	MISC	blog.imaginationtech.com	
Introducing PVRIC4 – taking image compression to the next level - Imagination	MISC	blog.imaginationtech.com	
Sidechannel pixel-stealing attack works in Chromium on all modern GPUs Hacker News	MISC	news.ycombinator.com	
GPUs from all major suppliers are vulnerable to new pixel-stealing attack Ars Technica	MISC	arstechnica.com	
CVE Program record	CVE.ORG	www.cve.org	canor
NVD vulnerability detail	NVD	nvd.nist.gov	canor

No vendor comments have been submitted for this CVE.

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

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