

GPU DRIVER VULNERABILITIES

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This page contains summary details of security vulnerabilities reported on Imagination Technologies graphics drivers.

2026

2024

2025

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January 2026

Title	GPU DDK – GPU Register value contents leaked fr
Our Reference	PSP-19
CVE Reference	CVE-2025- 25176
Originator Reference	PP-171174
Date Posted	9th January 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	Intermediate register values of secure workloads c non-secure environment of a platform.
Resolution	The DDK has been updated to introduce protectio

Title	GPU DDK – Reservation::psMappedPMR can chan
Our Reference	PSP-225
CVE Reference	CVE-2025-58411
Originator Reference	PP-173070
Date Posted	9th January 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	Software installed and run as a non-privileged use resources reference counting creating a write use
Resolution	The DDK kernel module has been updated to addr prematurely free whilst references exist.

Title	GPU DDK –
Our Reference	PSP-226
CVE Reference	CVE-2025-
Originator Reference	PP-173069
Date Posted	9th January
Versions affected	DDK Releas

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Vulnerability	Software installed and run as a non-privileged use reference counting creating a potential use after fi
Resolution	The DDK kernel module has been updated to addr prematurely free whilst references exist.

Title	GPU DDK – PVRSRVBridgeHeapCfgHeap(ConfigN
Our Reference	PSP-242
CVE Reference	None
Originator Reference	PP-173163
Date Posted	9th January 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	Software installed and run as a non-privileged use kernel heap memory.
Resolution	The DDK kernel module has been updated to intro

Title	GPU DDK – Disguised freelist buffers passed to RC corrupting memory
Our Reference	PSP-203
CVE Reference	CVE-2025-58409
Originator Reference	None
Date Posted	12th Jan 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	Software installed and run as a non-privileged use arbitrary physical memory pages. Under certa pages in us
Resolution	The DDK ke to arbitrary

Title	GPU DDK –
Our Reference	PSP-222
CVE Reference	CVE-2025-

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Originator Reference	PVR-LSBD-2025-222
Date Posted	23rd Jan 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	A web page that contains unusual GPU shader code free crash in the GPU shader compiler library. On c could enable further exploits on the device.
Resolution	The DDK compiler library has been updated to har process executing the shader compilation.

February 2026

Title	GPU DDK – libufwriter read UAF at llvm::MetadataT
Our Reference	PSP-264
CVE Reference	None
Originator Reference	PP-172923
Date Posted	20th February 2026
Versions affected	DDK Releases starting from 24.2 RTM1 up to and i
Vulnerability	A web page that contains unusual GPU shader code free crash in the GPU shader compiler library. On c could enable further exploits on the device.
Resolution	The DDK compiler library has been updated to har process executing the shader compilation.

Title	GPU DDK – libusc NPD at MarkGradient_MarkArg c
Our Reference	PSP-262
CVE Reference	None
Originator Reference	PP-173017
Date Posted	20th Febru
Versions affected	DDK Releas
Vulnerability	A web page dereferenc this could e

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Resolution	The DDK compiler library has been updated to handle process executing the shader compilation.
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March 2026

Title	GPU DDK – Insufficient permission check in Physr
Our Reference	PSP-251
CVE Reference	CVE-2026-21736
Originator Reference	PP-171245
Date Posted	9th March 2026
Versions affected	DDK Releases up to and including 25.1 RTM2
Vulnerability	Software installed and run as a non-privileged user only wrapped user-mode memory and files.
Resolution	The DDK kernel module has been updated to address mode memory from being exported with incompat

Title	GPU DDK – Freelist PFN leak via mprotect
Our Reference	PSP-290
CVE Reference	None
Originator Reference	PP-173475
Date Posted	9th March 2026
Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	Software installed and run as a non-privileged user physical address
Resolution	The DDK kernel

Title	GPU DDK –
Our Reference	PSP-263
CVE Reference	None
Originator Reference	PP-172824
Date Posted	9th March 2026

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Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	A web page that contains unusual GPU shader code dereference crash in the GPU shader compiler library. This could enable for example further denial of service.
Resolution	The DDK compiler library has been updated to handle the process executing the shader compilation.

Title	GPU DDK – libufwriter OOB read at (llvm::APIInt::compile)
Our Reference	PSP-265
CVE Reference	None
Originator Reference	PP-172817
Date Posted	9th March 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	A web page that contains unusual GPU shader code OOB read in the GPU shader compiler library. On certain devices this could lead to crashes or enable further exploits on the device.
Resolution	The DDK compiler library has been updated to handle the process executing the shader compilation.

Title	GPU DDK – libusc OOB write at ConvertSwitchToA
Our Reference	PSP-223
CVE Reference	CVE-2026-21732
Originator Reference	PVR-LSBD-2025-223
Date Posted	20th March 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	A web page that contains unusual GPU shader code OOB write crash in the GPU shader compiler library. This could enable for example further denial of service.
Resolution	The DDK compiler library has been updated to handle the process executing the shader compilation.

Title	GPU DDK –
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Our Reference	PSP-257
CVE Reference	None
Originator Reference	PP-173312
Date Posted	20th March 2026
Versions affected	DDK Releases starting from 25.1 RTM1 up to and i
Vulnerability	Software installed and run as a non-privileged use resources reference counting creating a read use
Resolution	The DDK kernel module has been updated to addr prematurely free whilst references exist.

Title	GPU DDK – libufwriter NPD at CSE_InstCmpCB du
Our Reference	PSP-274
CVE Reference	None
Originator Reference	PP-172873
Date Posted	20th March 2026
Versions affected	DDK Releases starting from 25.1 RTM2 up to and i
Vulnerability	A web page that contains unusual GPU shader code dereference crash in the GPU shader compiler library this could enable for example further denial of ser
Resolution	The DDK compiler library has been updated to har process executing the shader compilation.

Title	GPU DDK – Unsafe writing of MMU PT entries on s
Our Reference	PSP-289
CVE Reference	CVE-2026-
Originator Reference	None
Date Posted	20th March
Versions affected	DDK Releas
Vulnerability	Software in accidental v
Resolution	The DDK ke

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Title	GPU DDK – Freelist PFN leak via ptrace
Our Reference	PSP-291
CVE Reference	None
Originator Reference	PP-173476
Date Posted	20th March 2026
Versions affected	DDK Releases up to and including REL/25.3 RTM
Vulnerability	Software installed and run as a non-privileged user can leak physical addresses.
Resolution	The DDK kernel module has been updated to address the issue.

April 2026

Title	GPU DDK – libusc Stack overflow at DrawArrays and DrawArraysInstanced
Our Reference	PSP-266
CVE Reference	None
Originator Reference	PP-173085
Date Posted	20th April 2026
Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	A web page that contains unusual GPU shader code can cause a crash in the GPU shader compiler library. On certain devices, this can enable further exploits on the device.
Resolution	The DDK compiler has been updated to address the issue.

Title	GPU DDK – libusc Stack overflow at DrawArrays and DrawArraysInstanced
Our Reference	PSP-273
CVE Reference	None
Originator Reference	PP-172874
Date Posted	20th April 2026

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Versions affected	DDK Releases starting from REL/24.2 RTM2 up to
Vulnerability	A web page that contains unusual GPU shader code that can cause a crash in the GPU shader compiler library. On certain devices, this could enable for example further denial of service attacks.
Resolution	The DDK compiler library has been updated to handle the crash process executing the shader compilation.

Title	GPU DDK – libufwriter UAF read at llvm::UFWriterV
Our Reference	PSP-349
CVE Reference	None
Originator Reference	PP-173618
Date Posted	20th April 2026
Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	A web page that contains unusual GPU shader code that can cause a free crash in the GPU shader compiler library. On certain devices, this could enable further exploits on the device.
Resolution	The DDK compiler library has been updated to handle the crash process executing the shader compilation.

Title	GPU DDK – RGXCreateFreeList weakness allows a
Our Reference	PSP-124
CVE Reference	None
Originator Reference	PP-159080
Date Posted	20th April 2026
Versions affected	DDK Releases
Vulnerability	Software in the GPU driver that can overflow buffers and cause a crash.
Resolution	The DDK kernel has been updated to handle sensitive buffers.

Title	GPU DDK – content
Our Reference	PSP-270

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CVE Reference	None
Originator Reference	PP-173080
Date Posted	20th April 2026
Versions affected	DDK Releases up to and including 25.2 RTM
Vulnerability	A web page that contains unusual WebGPU content dereference crash in the GPU GLES user-space shared workload has system privileges this could enable t
Resolution	The DDK GLES user-space shared library has been updated to avoid disruption in the process executing the sha

Title	GPU DDK – Dmabuf imports can be used to create
Our Reference	PSP-307
CVE Reference	None
Originator Reference	PP-173473
Date Posted	20th April 2026
Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	Software installed and run as a non-privileged user can access a sensitive buffer carrying physical page addresses
Resolution	The DDK kernel module has been updated to address

Title	GPU DDK – Write UAF in KEGLGetPoolBuffers, WebGPU
Our Reference	PSP-418
CVE Reference	CVE-2026-22166
Originator Reference	PP-173747
Date Posted	1st May 2026
Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	A web page that contains unusual WebGPU content dereference crash in the GPU GLES user-space shared workload has system privileges t
Resolution	The DDK GLES user-space shared library has been updated to avoid disruption in the process executing the sha

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Title	GPU DDK – Cache resident PM buffers writable by
Our Reference	PSP-220
CVE Reference	CVE-2026-22167
Originator Reference	None
Date Posted	1st May 2026
Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	Software installed and run as a non-privileged user can write to arbitrary physical memory pages. Under certain circumstances this exploit could be used to write to physical memory pages in use by the kernel and drivers running on the device.
Resolution	The DDK kernel module has been updated to address the issue and prevent writes to arbitrary physical memory pages.

Title	GPU DDK – UAF read of GLES3Context::psDrawPa
Our Reference	PSP-348
CVE Reference	CVE-2026-22165
Originator Reference	PP-173618
Date Posted	1st May 2026
Versions affected	DDK Releases up to and including 25.3 RTM
Vulnerability	A web page that contains unusual WebGPU content can trigger a user-after-free (UAF) crash in the GPU GLES user-space shared library. If the user-space workload has system privileges this could enable the attacker to gain system privileges.
Resolution	The DDK GLES user-space shared library has been updated to address the issue and avoid disruption in the render process.

Title	GPU DDK –
Our Reference	PSP-364
CVE Reference	None
Originator Reference	PP-173660
Date Posted	1st May 2026
Versions affected	DDK Releases up to and including 25.3 RTM

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Vulnerability	An unprivileged user can obtain kernel information
Resolution	The DDK has been updated to mask out the GPU p types.

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