

# CVE-2017-0347

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

| Summary         |                                                                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2017-0347                                                                                                            |
| State           | PUBLISHED                                                                                                                |
| Assigner        | nvidia                                                                                                                   |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                             |
| Published       | 2017-05-09 21:29:00 UTC                                                                                                  |
| Updated         | 2025-04-20 01:37:25 UTC                                                                                                  |
| Description     | All versions of the NVIDIA Windows GPU Display Driver contain a vulnerability in the kernel mode layer (nvlddmkm.sys) ha |

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-129 | Denial of Service, Escalation of Privileges

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|----------------------------------------------|
| 3.0     | nvd@nist.gov | Primary | 7.8   | HIGH     | CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H |
| 2.0     | nvd@nist.gov | Primary | 7.2   |          | AV:L/AC:L/Au:N/C:C/I:C/A:C                   |

| CVSS v3.0 Breakdown |           |
|---------------------|-----------|
| Attack Vector       | Local     |
| Attack Complexity   | Low       |
| Privileges Required | Low       |
| User Interaction    | None      |
| Scope               | Unchanged |
| Confidentiality     | High      |
| Integrity           | High      |
| Availability        |           |

High

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor    | Product    | Version | Update | Edition | Language |
|------------------|-----------|------------|---------|--------|---------|----------|
| Operating System | Microsoft | Windows    | -       | All    | All     | All      |
| Application      | Nvidia    | Gpu Driver | -       | All    | All     | All      |

Vendor Declared Affected Products

| Source | Vendor             | Product            | Version               | Platforms     |
|--------|--------------------|--------------------|-----------------------|---------------|
| CNA    | Nvidia Corporation | GPU Display Driver | affected All versions | Not specified |

References

| Reference                                                                                                                | Source            |
|--------------------------------------------------------------------------------------------------------------------------|-------------------|
| Security Bulletin: NVIDIA GPU Display driver contains multiple vulnerabilities in the kernel mode layer handler   NVIDIA | af854a3a-2127-422 |
| CVE Program record                                                                                                       | CVE.ORG           |
| NVD vulnerability detail                                                                                                 | NVD               |

No vendor comments have been submitted for this CVE.

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

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