

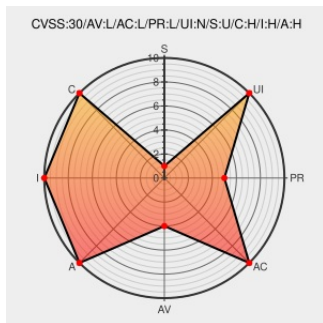


CVE-2018-12221

Published on: 03/14/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:23 PM UTC

CVE-2018-12221

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Graphics Driver](#) from [Intel](#) contain the following vulnerability:

Insufficient input validation in Kernel Mode Driver in Intel(R) Graphics Driver for Windows* before versions 10.18.x.5059 (aka 15.33.x.5059), 10.18.x.5057 (aka 15.36.x.5057), 20.19.x.5063 (aka 15.40.x.5063) 21.20.x.5064 (aka 15.45.x.5064) and 24.20.100.6373 potentially enables an unprivileged user to cause an integer overflow via local

access.

CVE-2018-12221 has been assigned by [intel](#) [secure@intel.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [intel](#) **Intel Corporation - Intel(R) Graphics Driver for Windows** version **Multiple versions.**

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
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Intel Graphics Driver for Windows Vulnerabilities -
Lenovo Support US

[support.lenovo.com](#)
[text/html](#)

 **CONFIRM** [support.lenovo.com/us/en/product_security/LEN-25084](#)

INTEL-SA-00189

[Patch](#)
[Vendor Advisory](#)
[www.intel.com](#)
[text/html](#)

 **CONFIRM** [www.intel.com/content/www/us/en/security-center/advisory/INTEL-SA-00189.html](#)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Intel	Graphics Driver	15.33.43.4425	All	All	All
Application	Intel	Graphics Driver	15.33.45.4653	All	All	All
Application	Intel	Graphics Driver	15.33.46.4885	All	All	All
Application	Intel	Graphics Driver	15.36.26.4294	All	All	All
Application	Intel	Graphics Driver	15.36.28.4332	All	All	All
Application	Intel	Graphics Driver	15.36.31.4414	All	All	All
Application	Intel	Graphics Driver	15.36.33.4578	All	All	All
Application	Intel	Graphics Driver	15.36.34.4889	All	All	All
Application	Intel	Graphics Driver	15.40.34.4624	All	All	All
Application	Intel	Graphics Driver	15.40.36.4703	All	All	All
Application	Intel	Graphics Driver	15.40.37.4835	All	All	All
Application	Intel	Graphics Driver	15.40.38.4963	All	All	All
Application	Intel	Graphics Driver	15.40.41.5058	All	All	All
Application	Intel	Graphics Driver	15.45.18.4664	All	All	All
Application	Intel	Graphics Driver	15.45.19.4678	All	All	All
Application	Intel	Graphics Driver	15.45.21.4821	All	All	All
Application	Intel	Graphics Driver	15.45.23.4860	All	All	All
Application	Intel	Graphics Driver	24.20.100.6025	All	All	All
Application	Intel	Graphics Driver	24.20.100.6094	All	All	All
Application	Intel	Graphics Driver	24.20.100.6136	All	All	All
Application	Intel	Graphics Driver	24.20.100.6194	All	All	All
Application	Intel	Graphics Driver	24.20.100.6229	All	All	All
Application	Intel	Graphics Driver	24.20.100.6286	All	All	All
Application	Intel	Graphics Driver	15.33.43.4425	All	All	All

Application	Intel	Graphics Driver	15.33.43.4425	All	All	All
Application	Intel	Graphics Driver	15.33.45.4653	All	All	All
Application	Intel	Graphics Driver	15.33.46.4885	All	All	All
Application	Intel	Graphics Driver	15.36.26.4294	All	All	All
Application	Intel	Graphics Driver	15.36.28.4332	All	All	All
Application	Intel	Graphics Driver	15.36.31.4414	All	All	All
Application	Intel	Graphics Driver	15.36.33.4578	All	All	All
Application	Intel	Graphics Driver	15.36.34.4889	All	All	All
Application	Intel	Graphics Driver	15.40.34.4624	All	All	All
Application	Intel	Graphics Driver	15.40.36.4703	All	All	All
Application	Intel	Graphics Driver	15.40.37.4835	All	All	All
Application	Intel	Graphics Driver	15.40.38.4963	All	All	All
Application	Intel	Graphics Driver	15.40.41.5058	All	All	All
Application	Intel	Graphics Driver	15.45.18.4664	All	All	All
Application	Intel	Graphics Driver	15.45.19.4678	All	All	All
Application	Intel	Graphics Driver	15.45.21.4821	All	All	All
Application	Intel	Graphics Driver	15.45.23.4860	All	All	All
Application	Intel	Graphics Driver	24.20.100.6025	All	All	All
Application	Intel	Graphics Driver	24.20.100.6094	All	All	All
Application	Intel	Graphics Driver	24.20.100.6136	All	All	All
Application	Intel	Graphics Driver	24.20.100.6194	All	All	All
Application	Intel	Graphics Driver	24.20.100.6229	All	All	All
Application	Intel	Graphics Driver	24.20.100.6286	All	All	All
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cpe:2.3:a:intel:graphics_driver:24.20.100.6286:*:*:*:*:windows:*:*:

No vendor comments have been submitted for this CVE

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