



CVE-2021-34400

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

Summary

CVE	CVE-2021-34400
State	PUBLIC
Assigner	psirt@nvidia.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-11-20 15:15:00 UTC
Updated	2021-11-24 15:18:00 UTC
Description	NVIDIA GPU and Tegra hardware contain a vulnerability in the internal microcontroller which may allow a user with elevated

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Hardware	Nvidia	Dgx-1 P100	-	All	All	All
Hardware	Nvidia	Dgx-1 V100	-	All	All	All
Hardware	Nvidia	Dgx-2	-	All	All	All
Hardware	Nvidia	Dgx Station A100	-	All	All	All
Hardware	Nvidia	Drive Constellation	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1050	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1050 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1060	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1070	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1070 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1080	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1080 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1650	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1650 Super	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1660	-	All	All	All

Hardware	Nvidia	Geforce Gtx 1660 Super	-	All	All	All
Hardware	Nvidia	Geforce Gtx 1660 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 645	-	All	All	All
Hardware	Nvidia	Geforce Gtx 650	-	All	All	All
Hardware	Nvidia	Geforce Gtx 650 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 650 Ti Boost	-	All	All	All
Hardware	Nvidia	Geforce Gtx 660	-	All	All	All
Hardware	Nvidia	Geforce Gtx 660 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 670	-	All	All	All
Hardware	Nvidia	Geforce Gtx 680	-	All	All	All
Hardware	Nvidia	Geforce Gtx 690	-	All	All	All
Hardware	Nvidia	Geforce Gtx 745	-	All	All	All
Hardware	Nvidia	Geforce Gtx 750	-	All	All	All
Hardware	Nvidia	Geforce Gtx 750 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 760	-	All	All	All
Hardware	Nvidia	Geforce Gtx 760 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 770	-	All	All	All
Hardware	Nvidia	Geforce Gtx 780	-	All	All	All
Hardware	Nvidia	Geforce Gtx 780 Ti	-	All	All	All
Hardware	Nvidia	Geforce Gtx 950	-	All	All	All
Hardware	Nvidia	Geforce Gtx 960	-	All	All	All
Hardware	Nvidia	Geforce Gtx 970	-	All	All	All
Hardware	Nvidia	Geforce Gtx 980	-	All	All	All
Hardware	Nvidia	Geforce Gtx Titan X	-	All	All	All
Hardware	Nvidia	Geforce Gt 605	-	All	All	All
Hardware	Nvidia	Geforce Gt 610	-	All	All	All
Hardware	Nvidia	Geforce Gt 620	-	All	All	All
Hardware	Nvidia	Geforce Gt 625	-	All	All	All
Hardware	Nvidia	Geforce Gt 630	-	All	All	All
Hardware	Nvidia	Geforce Gt 635	-	All	All	All
Hardware	Nvidia	Geforce Gt 640	-	All	All	All
Hardware	Nvidia	Geforce Gt 705	-	All	All	All
Hardware	Nvidia	Geforce Gt 710	-	All	All	All
Hardware	Nvidia	Geforce Gt 720	-	All	All	All
Hardware	Nvidia	Geforce Gt 730	-	All	All	All

Hardware	Nvidia	Geforce Gt 740	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2060	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2060 Super	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2070	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2070 Super	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2080	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2080 Super	-	All	All	All
Hardware	Nvidia	Geforce Rtx 2080 Ti	-	All	All	All
Hardware	Nvidia	Gtx Titan	-	All	All	All
Hardware	Nvidia	Gtx Titan Black	-	All	All	All
Hardware	Nvidia	Gtx Titan Z	-	All	All	All
Hardware	Nvidia	Jetson Agx Xavier 16gb	-	All	All	All
Hardware	Nvidia	Jetson Agx Xavier 32gb	-	All	All	All
Hardware	Nvidia	Jetson Agx Xavier 8gb	-	All	All	All
Hardware	Nvidia	Jetson Nano	-	All	All	All
Hardware	Nvidia	Jetson Nano	-	All	-	All
Hardware	Nvidia	Jetson Nano	-	All	developer_kit	All
Hardware	Nvidia	Jetson Tx1	-	All	All	All
Hardware	Nvidia	Jetson Tx2	-	All	All	All
Hardware	Nvidia	Jetson Tx2i	-	All	All	All
Hardware	Nvidia	Jetson Tx2 4gb	-	All	All	All
Hardware	Nvidia	Jetson Tx2 Nx	-	All	All	All
Hardware	Nvidia	Jetson Xavier Nx	-	All	All	All
Hardware	Nvidia	Jetson Xavier Nx	-	All	developer_kit	All
Hardware	Nvidia	Jetson Xavier Nx	-	All	production	All
Hardware	Nvidia	Nvidia Hgx-2	-	All	All	All
Hardware	Nvidia	Nvidia T1000	-	All	All	All
Hardware	Nvidia	Nvidia T2000	-	All	All	All
Hardware	Nvidia	Nvidia T4	-	All	All	All
Hardware	Nvidia	Nvidia T400	-	All	All	All
Hardware	Nvidia	Nvidia T600	-	All	All	All
Hardware	Nvidia	Quadro Gv100	-	All	All	All
Hardware	Nvidia	Quadro M1000m	-	All	All	All
Hardware	Nvidia	Quadro M1200	-	All	All	All
Hardware	Nvidia	Quadro M2000	-	All	All	All
Hardware	Nvidia	Quadro M2000	-	All	All	All

Hardware	Nvidia	Quadro M2000m	-	All	All	All
Hardware	Nvidia	Quadro M2200	-	All	All	All
Hardware	Nvidia	Quadro M3000m	-	All	All	All
Hardware	Nvidia	Quadro M4000	-	All	All	All
Hardware	Nvidia	Quadro M4000m	-	All	All	All
Hardware	Nvidia	Quadro M5000	-	All	All	All
Hardware	Nvidia	Quadro M5000m	-	All	All	All
Hardware	Nvidia	Quadro M500m	-	All	All	All
Hardware	Nvidia	Quadro M520	-	All	All	All
Hardware	Nvidia	Quadro M5500	-	All	All	All
Hardware	Nvidia	Quadro M6000	-	All	All	All
Hardware	Nvidia	Quadro M600m	-	All	All	All
Hardware	Nvidia	Quadro M620	-	All	All	All
Hardware	Nvidia	Quadro P1000	-	All	All	All
Hardware	Nvidia	Quadro P2000	-	All	All	All
Hardware	Nvidia	Quadro P2200	-	All	All	All
Hardware	Nvidia	Quadro P3000	-	All	All	All
Hardware	Nvidia	Quadro P3200	-	All	All	All
Hardware	Nvidia	Quadro P400	-	All	All	All
Hardware	Nvidia	Quadro P4000	-	All	All	All
Hardware	Nvidia	Quadro P4200	-	All	All	All
Hardware	Nvidia	Quadro P500	-	All	All	All
Hardware	Nvidia	Quadro P5000	-	All	All	All
Hardware	Nvidia	Quadro P520	-	All	All	All
Hardware	Nvidia	Quadro P5200	-	All	All	All
Hardware	Nvidia	Quadro P600	-	All	All	All
Hardware	Nvidia	Quadro P6000	-	All	All	All
Hardware	Nvidia	Quadro P620	-	All	All	All
Hardware	Nvidia	Quadro Rtx 3000	-	All	All	All
Hardware	Nvidia	Quadro Rtx 4000	-	All	All	All
Hardware	Nvidia	Quadro Rtx 5000	-	All	All	All
Hardware	Nvidia	Quadro Rtx 6000	-	All	All	All
Hardware	Nvidia	Quadro Rtx 8000	-	All	All	All
Hardware	Nvidia	Quadro T1000	-	All	All	All
Hardware	Nvidia	Quadro T2000	-	All	All	All
Hardware	Nvidia	Quadro T400	-	All	All	All

Hardware	Nvidia	Quadro T600	-	All	All	All
Hardware	Nvidia	Shield Tv	-	All	All	All
Hardware	Nvidia	Shield Tv Pro	-	All	All	All
Hardware	Nvidia	Tesla M10	-	All	All	All
Hardware	Nvidia	Tesla M4	-	All	All	All
Hardware	Nvidia	Tesla M40	-	All	All	All
Hardware	Nvidia	Tesla M6	-	All	All	All
Hardware	Nvidia	Tesla M60	-	All	All	All
Hardware	Nvidia	Tesla P100	-	All	All	All
Hardware	Nvidia	Tesla P4	-	All	All	All
Hardware	Nvidia	Tesla P40	-	All	All	All
Hardware	Nvidia	Tesla P6	-	All	All	All
Hardware	Nvidia	Tesla V100	-	All	All	All
Hardware	Nvidia	Tesla V100s	-	All	All	All
Hardware	Nvidia	Titan Rtx	-	All	All	All
Hardware	Nvidia	Titan V	-	All	All	All
Hardware	Nvidia	Titan X	-	All	All	All
Hardware	Nvidia	Titan Xp	-	All	All	All

References

Reference	Source	Link	Tags
Security Notice: NVIDIA GPU and Tegra Hardware - November 2021 NVIDIA	CONFIRM	nvidia.custhelp.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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