Heap-Based Buffer Overflow in Power Management IC

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

Summary

CVE	CVE-2026-21372
State	PUBLISHED
Assigner	qualcomm
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-06 16:16:29 UTC
Updated	2026-04-08 21:07:02 UTC
Description	Memory Corruption when sending IOCTL requests with invalid buffer sizes during memcpy operations.

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from product-security@qualcomm.com

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000060000 probability, percentile 0.002990000 (date 2026-04-13)

Problem Types: CWE-122 | CWE-122 CWE-122: Heap-Based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.1	product-security@qualcomm.com	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Cologne	-	All	All	All
Operating System	Qualcomm	Cologne Firmware	-	All	All	All
Hardware	Qualcomm	Fastconnect 6700	-	All	All	All
Operating System	Qualcomm	Fastconnect 6700 Firmware	-	All	All	All
Hardware	Qualcomm	Fastconnect 6900	-	All	All	All
Operating System	Qualcomm	Fastconnect 6900 Firmware	-	All	All	All
Hardware	Qualcomm	Fastconnect 7800	-	All	All	All
Operating System	Qualcomm	Fastconnect 7800 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm5430	-	All	All	All
Operating System	Qualcomm	Qcm5430 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm6490	-	All	All	All
Operating System	Qualcomm	Qcm6490 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 460 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 460 Mobile Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 662 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 662 Mobile Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 7c Gen 3 Compute	-	All	All	All
Operating System	Qualcomm	Snapdragon 7c Gen 3 Compute Firmware	-	All	All	All
Hardware	Qualcomm	Video Collaboration Vc3 Platform	-	All	All	All
Operating System	Qualcomm	Video Collaboration Vc3 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9370	-	All	All	All
Operating System	Qualcomm	Wcd9370 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9375	-	All	All	All
Operating System	Qualcomm	Wcd9375 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9378c	-	All	All	All
Operating System	Qualcomm	Wcd9378c Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9380	-	All	All	All
Operating System	Qualcomm	Wcd9380 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9385	-	All	All	All

Operating System	Qualcomm	Wcd9385 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3950	-	All	All	All
Operating System	Qualcomm	Wcn3950 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3988	-	All	All	All
Operating System	Qualcomm	Wcn3988 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8840	-	All	All	All
Operating System	Qualcomm	Wsa8840 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8845	-	All	All	All
Hardware	Qualcomm	Wsa8845h	-	All	All	All
Operating System	Qualcomm	Wsa8845h Firmware	-	All	All	All
Operating System	Qualcomm	Wsa8845 Firmware	-	All	All	All
Hardware	Qualcomm	X2000077	-	All	All	All
Operating System	Qualcomm	X2000077 Firmware	-	All	All	All
Hardware	Qualcomm	X2000086	-	All	All	All
Operating System	Qualcomm	X2000086 Firmware	-	All	All	All
Hardware	Qualcomm	X2000090	-	All	All	All
Operating System	Qualcomm	X2000090 Firmware	-	All	All	All
Hardware	Qualcomm	X2000092	-	All	All	All
Operating System	Qualcomm	X2000092 Firmware	-	All	All	All
Hardware	Qualcomm	X2000094	-	All	All	All
Operating System	Qualcomm	X2000094 Firmware	-	All	All	All
Hardware	Qualcomm	Xg101002	-	All	All	All
Operating System	Qualcomm	Xg101002 Firmware	-	All	All	All
Hardware	Qualcomm	Xg101032	-	All	All	All
Operating System	Qualcomm	Xg101032 Firmware	-	All	All	All
Hardware	Qualcomm	Xg101039	-	All	All	All
Operating System	Qualcomm	Xg101039 Firmware	-	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Qualcomm Inc.	Snapdragon	affected Cologne	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected FastConnect 6700	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected FastConnect 6900	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected FastConnect 7800	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected QCM5430	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected QCM6490	Snapdragon Compute, Snapdragon Indus

CNA	Qualcomm Inc.	Snapdragon	affected Qualcomm Video Collaboration VC3 Platform	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected Snapdragon 460 Mobile Platform	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected Snapdragon 662 Mobile Platform	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected Snapdragon 7c+ Gen 3 Compute	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WCD9370	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WCD9375	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WCD9378C	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WCD9380	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WCD9385	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WCN3950	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WCN3988	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WSA8840	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WSA8845	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected WSA8845H	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected X2000077	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected X2000086	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected X2000090	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected X2000092	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected X2000094	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected XG101002	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected XG101032	Snapdragon Compute, Snapdragon Indus
CNA	Qualcomm Inc.	Snapdragon	affected XG101039	Snapdragon Compute, Snapdragon Indus

References

Reference	Source	Link
docs.qualcomm.com/product/publicresources/securitybulletin/april-2026-bulletin....	product-security@qualcomm.com	docs.qualcomm.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report