



CVE-2023-21632

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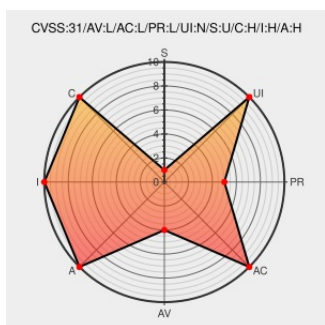
CVE-2023-21632

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Apq8064au](#) from [Qualcomm](#) contain the following vulnerability:

Memory corruption in Automotive GPU while querying a gsl memory node.

CVE-2023-21632 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

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

CVE References

Description	Tags	Link
Qualcomm Documentation	www.qualcomm.com text/html	Q MISC www.qualcomm.com/company/product-security/bulletins/june-2023-bulletin

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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
Hardware  	Qualcomm	Apq8064au	-	All	All	All
Operating System	Qualcomm	Apq8064au Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8996au	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Hardware  	Qualcomm	Qam8295p	-	All	All	All
Operating System	Qualcomm	Qam8295p Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6564a	-	All	All	All
Hardware  	Qualcomm	Qca6564au	-	All	All	All
Operating System	Qualcomm	Qca6564au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6564a Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6574a	-	All	All	All
Hardware  	Qualcomm	Qca6574au	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574a Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6584au	-	All	All	All
Operating System	Qualcomm	Qca6584au Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6595	-	All	All	All
Hardware  	Qualcomm	Qca6595au	-	All	All	All
Operating System	Qualcomm	Qca6595au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6595 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6696	-	All	All	All
Operating System	Qualcomm	Qca6696 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca6698aq	-	All	All	All
Operating System	Qualcomm	Qca6698aq Firmware	-	All	All	All
Hardware  	Qualcomm	Sa6145p	-	All	All	All
Operating System	Qualcomm	Sa6145p Firmware	-	All	All	All

Hardware 	Qualcomm	Sa6150p	-	All	All	All
Operating System	Qualcomm	Sa6150p Firmware	-	All	All	All
Hardware 	Qualcomm	Sa6155	-	All	All	All
Hardware 	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa6155 Firmware	-	All	All	All
Hardware 	Qualcomm	Sa8145p	-	All	All	All
Operating System	Qualcomm	Sa8145p Firmware	-	All	All	All
Hardware 	Qualcomm	Sa8150p	-	All	All	All
Operating System	Qualcomm	Sa8150p Firmware	-	All	All	All
Hardware 	Qualcomm	Sa8155	-	All	All	All
Hardware 	Qualcomm	Sa8155p	-	All	All	All
Operating System	Qualcomm	Sa8155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa8155 Firmware	-	All	All	All
Hardware 	Qualcomm	Sa8195p	-	All	All	All
Operating System	Qualcomm	Sa8195p Firmware	-	All	All	All
Hardware 	Qualcomm	Sa8295p	-	All	All	All
Operating System	Qualcomm	Sa8295p Firmware	-	All	All	All
Hardware 	Qualcomm	Sa8540p	-	All	All	All
Operating System	Qualcomm	Sa8540p Firmware	-	All	All	All
Hardware 	Qualcomm	Sa9000p	-	All	All	All
Operating System	Qualcomm	Sa9000p Firmware	-	All	All	All
Hardware 	Qualcomm	Snapdragon 820 Automotive Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 820 Automotive Platform Firmware	-	All	All	All
cpe:2.3:h:qualcomm:apq8064au:-:*****:						
cpe:2.3:o:qualcomm:apq8064au_firmware:-:*****:						

cpe:2.3:h:qualcomm:msm8996au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8996au firmware:-.*:.*:.*:.*:.*:.*
```

cpe:2.3:h:qualcomm:gsm8295p:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qam8295p_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6564a:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6564au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6564au_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qca6564a_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6574a:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6574au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6574au_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:gca6574a_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6584au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6584au_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6595:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6595au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6595au_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qca6595_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6696:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6696_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6698aq:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6698aq_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sa6145p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa6145p_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sa6150p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa6150p_firmware:-:*:*:*:*:*.*
```

cpe:2.3:h:qualcomm:sa6155:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:o:qualcomm:sa6155_firmware:-:*~::~:
cpe:2.3:h:qualcomm:sa8145p:-:*~::~:
cpe:2.3:o:qualcomm:sa8145p_firmware:-:*~::~:
cpe:2.3:h:qualcomm:sa8150p:-:*~::~:
cpe:2.3:o:qualcomm:sa8150p_firmware:-:*~::~:
cpe:2.3:h:qualcomm:sa8155:-:*~::~:
cpe:2.3:h:qualcomm:sa8155p:-:*~::~:
cpe:2.3:o:qualcomm:sa8155p_firmware:-:*~::~:
cpe:2.3:o:qualcomm:sa8155_firmware:-:*~::~:
cpe:2.3:h:qualcomm:sa8195p:-:*~::~:
cpe:2.3:o:qualcomm:sa8195p_firmware:-:*~::~:
cpe:2.3:h:qualcomm:sa8295p:-:*~::~:
cpe:2.3:o:qualcomm:sa8295p_firmware:-:*~::~:
cpe:2.3:h:qualcomm:sa8540p:-:*~::~:
cpe:2.3:o:qualcomm:sa8540p_firmware:-:*~::~:
cpe:2.3:h:qualcomm:sa9000p:-:*~::~:
cpe:2.3:o:qualcomm:sa9000p_firmware:-:*~::~:
cpe:2.3:h:qualcomm:snapdragon_820_automotive_platform:-:*~::~:
cpe:2.3:o:qualcomm:snapdragon_820_automotive_platform_firmware:-:*~::~:

No vendor comments have been submitted for this CVE

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