



CVE-2025-32453

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Summary

CVE	CVE-2025-32453
State	PUBLISHED
Assigner	intel
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-02-10 17:16:16 UTC
Updated	2026-04-20 12:28:07 UTC
Description	Incorrect default permissions for some Intel(R) Graphics Driver software within Ring 2: Privileged Process may allow an esc

Risk And Classification

Primary CVSS: v4.0 5.4 MEDIUM from secure@intel.com

CVSS:4.0/AV:L/AC:H/AT:P/PR:L/UI:A/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-276 | Escalation of Privilege | CWE-276 Incorrect Default Permissions

Version	Source	Type	Score	Severity	Vector
4.0	secure@intel.com	Secondary	5.4	MEDIUM	CVSS:4.0/AV:L/AC:H/AT:P/PR:L/UI:A/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/C.
4.0	CNA	CVSS	5.4	MEDIUM	CVSS:4.0/AV:L/AC:H/AT:P/PR:L/UI:A/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N
3.1	secure@intel.com	Secondary	6.7	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:L/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	6.7	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:L/UI:R/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Attack Requirements

Present

Privileges Required

Low

User Interaction

Active

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:H/AT:P/PR:L/UI:A/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Intel	Arc 130t	-	All	All	All
Hardware	Intel	Arc 130v	-	All	All	All
Hardware	Intel	Arc 140t	-	All	All	All
Hardware	Intel	Arc 140v	-	All	All	All
Hardware	Intel	Arc A310	-	All	All	All

Hardware	Intel	Arc A350m	-	All	All	All
Hardware	Intel	Arc A370m	-	All	All	All
Hardware	Intel	Arc A380	-	All	All	All
Hardware	Intel	Arc A530m	-	All	All	All
Hardware	Intel	Arc A550m	-	All	All	All
Hardware	Intel	Arc A570m	-	All	All	All
Hardware	Intel	Arc A580	-	All	All	All
Hardware	Intel	Arc A730m	-	All	All	All
Hardware	Intel	Arc A750	-	All	All	All
Hardware	Intel	Arc A770	-	All	All	All
Hardware	Intel	Arc A770m	-	All	All	All
Hardware	Intel	Arc B370	-	All	All	All
Hardware	Intel	Arc B390	-	All	All	All
Hardware	Intel	Arc B570	-	All	All	All
Hardware	Intel	Arc B580	-	All	All	All
Hardware	Intel	Arc Pro B50	-	All	All	All
Hardware	Intel	Arc Pro B60	-	All	All	All
Hardware	Intel	Core Ultra 3 105ul	-	All	All	All
Hardware	Intel	Core Ultra 5 115u	-	All	All	All
Hardware	Intel	Core Ultra 5 125h	-	All	All	All
Hardware	Intel	Core Ultra 5 125hl	-	All	All	All
Hardware	Intel	Core Ultra 5 125u	-	All	All	All
Hardware	Intel	Core Ultra 5 125ul	-	All	All	All
Hardware	Intel	Core Ultra 5 134u	-	All	All	All
Hardware	Intel	Core Ultra 5 135h	-	All	All	All
Hardware	Intel	Core Ultra 5 135hl	-	All	All	All
Hardware	Intel	Core Ultra 5 135u	-	All	All	All
Hardware	Intel	Core Ultra 5 135ul	-	All	All	All
Hardware	Intel	Core Ultra 5 225	-	All	All	All
Hardware	Intel	Core Ultra 5 225h	-	All	All	All
Hardware	Intel	Core Ultra 5 225t	-	All	All	All
Hardware	Intel	Core Ultra 5 225u	-	All	All	All
Hardware	Intel	Core Ultra 5 226v	-	All	All	All
Hardware	Intel	Core Ultra 5 228v	-	All	All	All
Hardware	Intel	Core Ultra 5 235	-	All	All	All
Hardware	Intel	Core Ultra 5 235h	-	All	All	All

Hardware	Intel	Core Ultra 5 235hx	-	All	All	All
Hardware	Intel	Core Ultra 5 235t	-	All	All	All
Hardware	Intel	Core Ultra 5 235u	-	All	All	All
Hardware	Intel	Core Ultra 5 236v	-	All	All	All
Hardware	Intel	Core Ultra 5 238v	-	All	All	All
Hardware	Intel	Core Ultra 5 245	-	All	All	All
Hardware	Intel	Core Ultra 5 245hx	-	All	All	All
Hardware	Intel	Core Ultra 5 245k	-	All	All	All
Hardware	Intel	Core Ultra 5 245t	-	All	All	All
Hardware	Intel	Core Ultra 5 322	-	All	All	All
Hardware	Intel	Core Ultra 5 325	-	All	All	All
Hardware	Intel	Core Ultra 5 332	-	All	All	All
Hardware	Intel	Core Ultra 5 335	-	All	All	All
Hardware	Intel	Core Ultra 5 336h	-	All	All	All
Hardware	Intel	Core Ultra 5 338h	-	All	All	All
Hardware	Intel	Core Ultra 7 155h	-	All	All	All
Hardware	Intel	Core Ultra 7 155hl	-	All	All	All
Hardware	Intel	Core Ultra 7 155u	-	All	All	All
Hardware	Intel	Core Ultra 7 155ul	-	All	All	All
Hardware	Intel	Core Ultra 7 164u	-	All	All	All
Hardware	Intel	Core Ultra 7 165h	-	All	All	All
Hardware	Intel	Core Ultra 7 165hl	-	All	All	All
Hardware	Intel	Core Ultra 7 165u	-	All	All	All
Hardware	Intel	Core Ultra 7 165ul	-	All	All	All
Hardware	Intel	Core Ultra 7 255h	-	All	All	All
Hardware	Intel	Core Ultra 7 255hx	-	All	All	All
Hardware	Intel	Core Ultra 7 255u	-	All	All	All
Hardware	Intel	Core Ultra 7 256v	-	All	All	All
Hardware	Intel	Core Ultra 7 258v	-	All	All	All
Hardware	Intel	Core Ultra 7 265	-	All	All	All
Hardware	Intel	Core Ultra 7 265h	-	All	All	All
Hardware	Intel	Core Ultra 7 265hx	-	All	All	All
Hardware	Intel	Core Ultra 7 265k	-	All	All	All
Hardware	Intel	Core Ultra 7 265t	-	All	All	All
Hardware	Intel	Core Ultra 7 265u	-	All	All	All

Hardware	Intel	Core Ultra 7 266v	-	All	All	All
Hardware	Intel	Core Ultra 7 268v	-	All	All	All
Hardware	Intel	Core Ultra 7 355	-	All	All	All
Hardware	Intel	Core Ultra 7 356h	-	All	All	All
Hardware	Intel	Core Ultra 7 365	-	All	All	All
Hardware	Intel	Core Ultra 7 366h	-	All	All	All
Hardware	Intel	Core Ultra 9 185h	-	All	All	All
Hardware	Intel	Core Ultra 9 275hx	-	All	All	All
Hardware	Intel	Core Ultra 9 285	-	All	All	All
Hardware	Intel	Core Ultra 9 285h	-	All	All	All
Hardware	Intel	Core Ultra 9 285hx	-	All	All	All
Hardware	Intel	Core Ultra 9 285k	-	All	All	All
Hardware	Intel	Core Ultra 9 285t	-	All	All	All
Hardware	Intel	Core Ultra 9 288v	-	All	All	All
Hardware	Intel	Core Ultra 9 386h	-	All	All	All
Hardware	Intel	Core Ultra X7 358h	-	All	All	All
Hardware	Intel	Core Ultra X9 388h	-	All	All	All
Application	Intel	Graphics Driver	All	All	All	All
Application	Intel	Graphics Software	All	All	All	All
Application	Intel	Linux Intel Lts Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	IntelR Graphics Driver Software	affected See references	Not specified

References

Reference	Source	Link	Tags
intel.com/content/www/us/en/security-center/advisory/intel-sa-01385.html	secure@intel.com	intel.com	Patch, Vendor Advisory
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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