



# CVE-2026-20709

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## Summary

<b>CVE</b>	CVE-2026-20709
<b>State</b>	PUBLISHED
<b>Assigner</b>	intel
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-08 19:25:12 UTC
<b>Updated</b>	2026-04-08 21:26:13 UTC
<b>Description</b>	Use of Default Cryptographic Key in the hardware for some Intel(R) Pentium(R) Processor Silver Series, Intel(R) Celeron(R)

## Risk And Classification

**Primary CVSS:** v4.0 5.8 MEDIUM from secure@intel.com

**CVSS:**4.0/AV:P/AC:H/AT:P/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/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

**EPSS:** 0.000170000 probability, percentile 0.041180000 (date 2026-04-14)

**Problem Types:** CWE-1394 | Escalation of Privilege | CWE-1394 Use of Default Cryptographic Key

Version	Source	Type	Score	Severity	Vector
4.0	secure@intel.com	Secondary	5.8	MEDIUM	CVSS:4.0/AV:P/AC:H/AT:P/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/SA:N/E:X/C
4.0	CNA	CVSS	5.8	MEDIUM	CVSS:4.0/AV:P/AC:H/AT:P/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/SA:N
3.1	secure@intel.com	Secondary	6.6	MEDIUM	CVSS:3.1/AV:P/AC:H/PR:H/UI:N/S:C/C:H/I:H/A:N
3.1	CNA	CVSS	6.6	MEDIUM	CVSS:3.1/AV:P/AC:H/PR:H/UI:N/S:C/C:H/I:H/A:N

## CVSS v4.0 Breakdown

Attack Vector

Physical

Attack Complexity

High

Attack Requirements

Present

Privileges Required

High

User Interaction

None

Confidentiality

High

Integrity

None

Availability

None

Sub Conf.

High

Sub Integrity

High

Sub Availability

None

CVSS:4.0/AV:P/AC:H/AT:P/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/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

Physical

Attack Complexity

High

Privileges Required

High

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

None

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

### Vendor Declared Affected Products

Source	Vendor	Product
CNA	Na	IntelR PentiumR Processor Silver Series IntelR CeleronR Processor J Series IntelR CeleronR Processor N Series May Al

### References

Reference	Source	Link	Tags
<a href="https://intel.com/content/www/us/en/security-center/advisory/intel-sa-00609.html">intel.com/content/www/us/en/security-center/advisory/intel-sa-00609.html</a>	secure@intel.com	<a href="https://intel.com">intel.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	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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