



CVE-2018-8934

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

Summary

CVE	CVE-2018-8934
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-03-22 14:29:00 UTC
Updated	2019-10-03 00:03:00 UTC
Description	The Promontory chipset, as used in AMD Ryzen and Ryzen Pro platforms, has a backdoor in firmware, aka CHIMERA-FW.

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Amd	Ryzen	-	All	All	All
Hardware	Amd	Ryzen	-	All	All	All
Operating System	Amd	Ryzen Firmware	-	All	All	All
Operating System	Amd	Ryzen Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro	-	All	All	All
Hardware	Amd	Ryzen Pro	-	All	All	All
Operating System	Amd	Ryzen Pro Firmware	-	All	All	All
Operating System	Amd	Ryzen Pro Firmware	-	All	All	All

References

Reference	Source	Link	Tags
“AMD Flaws” Technical Summary Trail of Bits Blog	MISC	blog.trailofbits.com	Third Party Advisory
Management Team	MISC	amdflaws.com	Third Party Advisory
AMD Corporate: Initial AMD Technical Assessment... Community	MISC	community.amd.com	Vendor Advisory
safefirmware.com/amdflaws_whitepaper.pdf	MISC	safefirmware.com	Third Party 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.

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)