



CVE-2021-26346

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

Summary

CVE	CVE-2021-26346
State	PUBLIC
Assigner	psirt@amd.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-11 08:15:00 UTC
Updated	2023-01-24 17:51:00 UTC
Description	Failure to validate the integer operand in ASP (AMD Secure Processor) bootloader may allow an attacker to introduce an in

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Amd	Ryzen 3 3100	-	All	All	All
Operating System	Amd	Ryzen 3 3100 Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3200g	-	All	All	All
Operating System	Amd	Ryzen 3 3200g Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3200u	-	All	All	All
Operating System	Amd	Ryzen 3 3200u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3250c	-	All	All	All
Operating System	Amd	Ryzen 3 3250c Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3250u	-	All	All	All
Operating System	Amd	Ryzen 3 3250u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3300g	-	All	All	All
Operating System	Amd	Ryzen 3 3300g Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3300u	-	All	All	All
Operating System	Amd	Ryzen 3 3300u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3300x	-	All	All	All
Operating System	Amd	Ryzen 3 3300x Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3350u	-	All	All	All

Operating System	Amd	Ryzen 3 3350u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3450u	-	All	All	All
Operating System	Amd	Ryzen 3 3450u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3500c	-	All	All	All
Operating System	Amd	Ryzen 3 3500c Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3500u	-	All	All	All
Operating System	Amd	Ryzen 3 3500u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3550h	-	All	All	All
Operating System	Amd	Ryzen 3 3550h Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3580u	-	All	All	All
Operating System	Amd	Ryzen 3 3580u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3700c	-	All	All	All
Operating System	Amd	Ryzen 3 3700c Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3700u	-	All	All	All
Operating System	Amd	Ryzen 3 3700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3750h	-	All	All	All
Operating System	Amd	Ryzen 3 3750h Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3780u	-	All	All	All
Operating System	Amd	Ryzen 3 3780u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5125c	-	All	All	All
Operating System	Amd	Ryzen 3 5125c Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5300g	-	All	All	All
Hardware	Amd	Ryzen 3 5300ge	-	All	All	All
Operating System	Amd	Ryzen 3 5300ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 3 5300g Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5300u	-	All	All	All
Operating System	Amd	Ryzen 3 5300u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5400u	-	All	All	All
Operating System	Amd	Ryzen 3 5400u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5425c	-	All	All	All
Operating System	Amd	Ryzen 3 5425c Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5425u	-	All	All	All
Operating System	Amd	Ryzen 3 5425u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 Pro 3200g	-	All	All	All
Hardware	Amd	Ryzen 3 Pro 3200ge	-	All	All	All

Operating System	Amd	Ryzen 3 Pro 3200ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 3 Pro 3200g Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 Pro 3300u	-	All	All	All
Operating System	Amd	Ryzen 3 Pro 3300u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3400g	-	All	All	All
Operating System	Amd	Ryzen 5 3400g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3450g	-	All	All	All
Operating System	Amd	Ryzen 5 3450g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3450u	-	All	All	All
Operating System	Amd	Ryzen 5 3450u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3500	-	All	All	All
Hardware	Amd	Ryzen 5 3500c	-	All	All	All
Operating System	Amd	Ryzen 5 3500c Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3500u	-	All	All	All
Operating System	Amd	Ryzen 5 3500u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3500x	-	All	All	All
Operating System	Amd	Ryzen 5 3500x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 3500 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3550h	-	All	All	All
Operating System	Amd	Ryzen 5 3550h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3580u	-	All	All	All
Operating System	Amd	Ryzen 5 3580u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3600	-	All	All	All
Hardware	Amd	Ryzen 5 3600x	-	All	All	All
Hardware	Amd	Ryzen 5 3600xt	-	All	All	All
Operating System	Amd	Ryzen 5 3600xt Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 3600x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 3600 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5500	-	All	All	All
Hardware	Amd	Ryzen 5 5500u	-	All	All	All
Operating System	Amd	Ryzen 5 5500u Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5500 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5560u	-	All	All	All
Operating System	Amd	Ryzen 5 5560u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600	-	All	All	All

Hardware	Amd	Ryzen 5 5600g	-	All	All	All
Hardware	Amd	Ryzen 5 5600ge	-	All	All	All
Operating System	Amd	Ryzen 5 5600ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5600g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600h	-	All	All	All
Hardware	Amd	Ryzen 5 5600hs	-	All	All	All
Operating System	Amd	Ryzen 5 5600hs Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5600h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600u	-	All	All	All
Operating System	Amd	Ryzen 5 5600u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600x	-	All	All	All
Operating System	Amd	Ryzen 5 5600x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5600 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5625c	-	All	All	All
Operating System	Amd	Ryzen 5 5625c Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5625u	-	All	All	All
Operating System	Amd	Ryzen 5 5625u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5700g	-	All	All	All
Hardware	Amd	Ryzen 5 5700ge	-	All	All	All
Operating System	Amd	Ryzen 5 5700ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5700g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 3350g	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 3350ge	-	All	All	All
Operating System	Amd	Ryzen 5 Pro 3350ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 Pro 3350g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 3400g	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 3400ge	-	All	All	All
Operating System	Amd	Ryzen 5 Pro 3400ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 Pro 3400g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 3500u	-	All	All	All
Operating System	Amd	Ryzen 5 Pro 3500u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3700c	-	All	All	All
Operating System	Amd	Ryzen 7 3700c Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3700u	-	All	All	All
Operating System	Amd	Ryzen 7 3700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3700x	-	All	All	All

Operating System	Amd	Ryzen 7 3700x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3750h	-	All	All	All
Operating System	Amd	Ryzen 7 3750h Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3780u	-	All	All	All
Operating System	Amd	Ryzen 7 3780u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3800x	-	All	All	All
Hardware	Amd	Ryzen 7 3800xt	-	All	All	All
Operating System	Amd	Ryzen 7 3800xt Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 3800x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5700g	-	All	All	All
Hardware	Amd	Ryzen 7 5700ge	-	All	All	All
Operating System	Amd	Ryzen 7 5700ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 5700g Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5700u	-	All	All	All
Operating System	Amd	Ryzen 7 5700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5700x	-	All	All	All
Operating System	Amd	Ryzen 7 5700x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5800	-	All	All	All
Hardware	Amd	Ryzen 7 5800h	-	All	All	All
Hardware	Amd	Ryzen 7 5800hs	-	All	All	All
Operating System	Amd	Ryzen 7 5800hs Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 5800h Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5800u	-	All	All	All
Operating System	Amd	Ryzen 7 5800u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5800x	-	All	All	All
Hardware	Amd	Ryzen 7 5800x3d	-	All	All	All
Operating System	Amd	Ryzen 7 5800x3d Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 5800x Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 5800 Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5825c	-	All	All	All
Operating System	Amd	Ryzen 7 5825c Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5825u	-	All	All	All
Operating System	Amd	Ryzen 7 5825u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 Pro 3700u	-	All	All	All
Operating System	Amd	Ryzen 7 Pro 3700u Firmware	-	All	All	All

Hardware	Amd	Ryzen 9 3900	-	All	All	All
Hardware	Amd	Ryzen 9 3900x	-	All	All	All
Hardware	Amd	Ryzen 9 3900xt	-	All	All	All
Operating System	Amd	Ryzen 9 3900xt Firmware	-	All	All	All
Operating System	Amd	Ryzen 9 3900x Firmware	-	All	All	All
Operating System	Amd	Ryzen 9 3900 Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 3950x	-	All	All	All
Operating System	Amd	Ryzen 9 3950x Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5900	-	All	All	All
Hardware	Amd	Ryzen 9 5900hs	-	All	All	All
Operating System	Amd	Ryzen 9 5900hs Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5900hx	-	All	All	All
Operating System	Amd	Ryzen 9 5900hx Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5900x	-	All	All	All
Operating System	Amd	Ryzen 9 5900x Firmware	-	All	All	All
Operating System	Amd	Ryzen 9 5900 Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5950x	-	All	All	All
Operating System	Amd	Ryzen 9 5950x Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5980hs	-	All	All	All
Operating System	Amd	Ryzen 9 5980hs Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5980hx	-	All	All	All
Operating System	Amd	Ryzen 9 5980hx Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 3200g	-	All	All	All
Hardware	Amd	Ryzen Pro 3200ge	-	All	All	All
Operating System	Amd	Ryzen Pro 3200ge Firmware	-	All	All	All
Operating System	Amd	Ryzen Pro 3200g Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 3350g	-	All	All	All
Operating System	Amd	Ryzen Pro 3350g Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 3400g	-	All	All	All
Hardware	Amd	Ryzen Pro 3400ge	-	All	All	All
Operating System	Amd	Ryzen Pro 3400ge Firmware	-	All	All	All
Operating System	Amd	Ryzen Pro 3400g Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 3600	-	All	All	All
Operating System	Amd	Ryzen Pro 3600 Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 3700	-	All	All	All
Operating System	Amd	Ryzen Pro 3700 Firmware	-	All	All	All

Operating System	Amd	Ryzen Pro 3700 Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 3900	-	All	All	All
Operating System	Amd	Ryzen Pro 3900 Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 5350g	-	All	All	All
Hardware	Amd	Ryzen Pro 5350ge	-	All	All	All
Operating System	Amd	Ryzen Pro 5350ge Firmware	-	All	All	All
Operating System	Amd	Ryzen Pro 5350g Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 5650g	-	All	All	All
Hardware	Amd	Ryzen Pro 5650ge	-	All	All	All
Operating System	Amd	Ryzen Pro 5650ge Firmware	-	All	All	All
Operating System	Amd	Ryzen Pro 5650g Firmware	-	All	All	All
Hardware	Amd	Ryzen Pro 5750g	-	All	All	All
Hardware	Amd	Ryzen Pro 5750ge	-	All	All	All
Operating System	Amd	Ryzen Pro 5750ge Firmware	-	All	All	All
Operating System	Amd	Ryzen Pro 5750g Firmware	-	All	All	All

References

Reference	Source	Link	Tags
www.amd.com/en/corporate/product-security/bulletin/AMD-SB-1031	MISC	www.amd.com	
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](#).

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