



CVE-2021-46760

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

Summary

CVE	CVE-2021-46760
State	PUBLIC
Assigner	psirt@amd.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-05-09 20:15:00 UTC
Updated	2023-05-22 15:40:00 UTC
Description	A malicious or compromised UApp or ABL can send a malformed system call to the bootloader, which may result in an out-

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Amd	Ryzen 3945wx	-	All	All	All
Operating System	Amd	Ryzen 3945wx Firmware	castlepeakpi-sp3r3_1.0.0.7	All	All	All
Operating System	Amd	Ryzen 3945wx Firmware	castlepeakwspi-swr8_1.0.0.9	All	All	All
Operating System	Amd	Ryzen 3945wx Firmware	chagallwspi-swr8_1.0.0.2	All	All	All
Hardware	Amd	Ryzen 3955wx	-	All	All	All
Operating System	Amd	Ryzen 3955wx Firmware	castlepeakpi-sp3r3_1.0.0.7	All	All	All
Operating System	Amd	Ryzen 3955wx Firmware	castlepeakwspi-swr8_1.0.0.9	All	All	All
Operating System	Amd	Ryzen 3955wx Firmware	chagallwspi-swr8_1.0.0.2	All	All	All
Hardware	Amd	Ryzen 3960x	-	All	All	All
Operating System	Amd	Ryzen 3960x Firmware	castlepeakpi-sp3r3_1.0.0.7	All	All	All
Operating System	Amd	Ryzen 3960x Firmware	castlepeakwspi-swr8_1.0.0.9	All	All	All
Operating System	Amd	Ryzen 3960x Firmware	chagallwspi-swr8_1.0.0.2	All	All	All
Hardware	Amd	Ryzen 3970x	-	All	All	All
Operating System	Amd	Ryzen 3970x Firmware	castlepeakpi-sp3r3_1.0.0.7	All	All	All
Operating System	Amd	Ryzen 3970x Firmware	castlepeakwspi-swr8_1.0.0.9	All	All	All
Operating System	Amd	Ryzen 3970x Firmware	chagallwspi-swr8_1.0.0.2	All	All	All
Hardware	Amd	Ryzen 3975wx	-	All	All	All

Operating System	Amd	Ryzen 3975wx Firmware	castlepeakpi-sp3r3_1.0.0.7	All	All	All
Operating System	Amd	Ryzen 3975wx Firmware	castlepeakwspi-swr8_1.0.0.9	All	All	All
Operating System	Amd	Ryzen 3975wx Firmware	chagallwspi-swr8_1.0.0.2	All	All	All
Hardware	Amd	Ryzen 3990x	-	All	All	All
Operating System	Amd	Ryzen 3990x Firmware	castlepeakpi-sp3r3_1.0.0.7	All	All	All
Operating System	Amd	Ryzen 3990x Firmware	castlepeakwspi-swr8_1.0.0.9	All	All	All
Operating System	Amd	Ryzen 3990x Firmware	chagallwspi-swr8_1.0.0.2	All	All	All
Hardware	Amd	Ryzen 3995wx	-	All	All	All
Operating System	Amd	Ryzen 3995wx Firmware	castlepeakpi-sp3r3_1.0.0.7	All	All	All
Operating System	Amd	Ryzen 3995wx Firmware	castlepeakwspi-swr8_1.0.0.9	All	All	All
Operating System	Amd	Ryzen 3995wx Firmware	chagallwspi-swr8_1.0.0.2	All	All	All

References

Reference	Source	Link	Tags
www.amd.com/en/corporate/product-security/bulletin/AMD-SB-4001	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.

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