



CVE-2023-39281

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

Summary

CVE	CVE-2023-39281
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-11-01 22:15:00 UTC
Updated	2023-11-09 15:06:00 UTC
Description	A stack buffer overflow vulnerability discovered in AsfSecureBootDxe in Insyde InsydeH2O with kernel 5.0 through 5.5 allow

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Amd	Athlon Gold 7220u	-	All	All	All
Hardware	Amd	Athlon Silver 7120u	-	All	All	All
Hardware	Amd	Ryzen3 5300u	-	All	All	All
Hardware	Amd	Ryzen 3 5100	-	All	All	All
Hardware	Amd	Ryzen 3 5125c	-	All	All	All
Hardware	Amd	Ryzen 3 5300g	-	All	All	All
Hardware	Amd	Ryzen 3 5300ge	-	All	All	All
Hardware	Amd	Ryzen 3 5400u	-	All	All	All
Hardware	Amd	Ryzen 3 5425u	-	All	All	All
Hardware	Amd	Ryzen 3 7320u	-	All	All	All
Hardware	Amd	Ryzen 3 7335u	-	All	All	All
Hardware	Amd	Ryzen 3 7440u	-	All	All	All
Hardware	Amd	Ryzen 3 Pro 7330u	-	All	All	All
Hardware	Amd	Ryzen 5 5500	-	All	All	All
Hardware	Amd	Ryzen 5 5500h	-	All	All	All
Hardware	Amd	Ryzen 5 5500u	-	All	All	All
Hardware	Amd	Ryzen 5 5560u	-	All	All	All

Hardware	Amd	Ryzen 5 5600g	-	All	All	All
Hardware	Amd	Ryzen 5 5600ge	-	All	All	All
Hardware	Amd	Ryzen 5 5600h	-	All	All	All
Hardware	Amd	Ryzen 5 5600hs	-	All	All	All
Hardware	Amd	Ryzen 5 5600u	-	All	All	All
Hardware	Amd	Ryzen 5 5625u	-	All	All	All
Hardware	Amd	Ryzen 5 6600h	-	All	All	All
Hardware	Amd	Ryzen 5 6600hs	-	All	All	All
Hardware	Amd	Ryzen 5 6600u	-	All	All	All
Hardware	Amd	Ryzen 5 7500f	-	All	All	All
Hardware	Amd	Ryzen 5 7520u	-	All	All	All
Hardware	Amd	Ryzen 5 7535hs	-	All	All	All
Hardware	Amd	Ryzen 5 7535u	-	All	All	All
Hardware	Amd	Ryzen 5 7540u	-	All	All	All
Hardware	Amd	Ryzen 5 7545u	-	All	All	All
Hardware	Amd	Ryzen 5 7600	-	All	All	All
Hardware	Amd	Ryzen 5 7600x	-	All	All	All
Hardware	Amd	Ryzen 5 7640h	-	All	All	All
Hardware	Amd	Ryzen 5 7640u	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 7530u	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 7640hs	-	All	All	All
Hardware	Amd	Ryzen 5 Pro 7645	-	All	All	All
Hardware	Amd	Ryzen 7 5700	-	All	All	All
Hardware	Amd	Ryzen 7 5700g	-	All	All	All
Hardware	Amd	Ryzen 7 5700ge	-	All	All	All
Hardware	Amd	Ryzen 7 5700u	-	All	All	All
Hardware	Amd	Ryzen 7 5800h	-	All	All	All
Hardware	Amd	Ryzen 7 5800hs	-	All	All	All
Hardware	Amd	Ryzen 7 5800u	-	All	All	All
Hardware	Amd	Ryzen 7 5825u	-	All	All	All
Hardware	Amd	Ryzen 7 6800h	-	All	All	All
Hardware	Amd	Ryzen 7 6800hs	-	All	All	All
Hardware	Amd	Ryzen 7 6800u	-	All	All	All
Hardware	Amd	Ryzen 7 7645hx	-	All	All	All
Hardware	Amd	Ryzen 7 7700	-	All	All	All

Hardware	Amd	Ryzen 7 7700x	-	All	All	All
Hardware	Amd	Ryzen 7 7735hs	-	All	All	All
Hardware	Amd	Ryzen 7 7735u	-	All	All	All
Hardware	Amd	Ryzen 7 7736u	-	All	All	All
Hardware	Amd	Ryzen 7 7745hx	-	All	All	All
Hardware	Amd	Ryzen 7 7800x3d	-	All	All	All
Hardware	Amd	Ryzen 7 7840h	-	All	All	All
Hardware	Amd	Ryzen 7 7840hx	-	All	All	All
Hardware	Amd	Ryzen 7 7840u	-	All	All	All
Hardware	Amd	Ryzen 7 Pro 7730u	-	All	All	All
Hardware	Amd	Ryzen 7 Pro 7745	-	All	All	All
Hardware	Amd	Ryzen 7 Pro 7840hs	-	All	All	All
Hardware	Amd	Ryzen 9 5900hs	-	All	All	All
Hardware	Amd	Ryzen 9 5900hx	-	All	All	All
Hardware	Amd	Ryzen 9 5980hs	-	All	All	All
Hardware	Amd	Ryzen 9 6900hs	-	All	All	All
Hardware	Amd	Ryzen 9 6900hx	-	All	All	All
Hardware	Amd	Ryzen 9 6980hs	-	All	All	All
Hardware	Amd	Ryzen 9 6980hx	-	All	All	All
Hardware	Amd	Ryzen 9 7645hx3d	-	All	All	All
Hardware	Amd	Ryzen 9 7845hx	-	All	All	All
Hardware	Amd	Ryzen 9 7900	-	All	All	All
Hardware	Amd	Ryzen 9 7900x	-	All	All	All
Hardware	Amd	Ryzen 9 7900x3d	-	All	All	All
Hardware	Amd	Ryzen 9 7940h	-	All	All	All
Hardware	Amd	Ryzen 9 7940hs	-	All	All	All
Hardware	Amd	Ryzen 9 7940hx	-	All	All	All
Hardware	Amd	Ryzen 9 7945hx	-	All	All	All
Hardware	Amd	Ryzen 9 7950x	-	All	All	All
Hardware	Amd	Ryzen 9 7950x3d	-	All	All	All
Hardware	Amd	Ryzen 9 Pro 7940hs	-	All	All	All
Hardware	Amd	Ryzen 9 Pro 7945	-	All	All	All
Hardware	Amd	Ryzen Z1	-	All	All	All
Hardware	Amd	Ryzen Z1 Extreme	-	All	All	All
Hardware	Amd	V314	-	All	All	All

Hardware	Amd	V3c16	-	All	All	All
Hardware	Amd	V3c18	-	All	All	All
Hardware	Amd	V3c44	-	All	All	All
Hardware	Amd	V3c48	-	All	All	All
Hardware	Amd	Van Gogh 0405	-	All	All	All
Application	Insyde	Insydeh2o	05.42.37.0031	All	All	All
Application	Insyde	Insydeh2o	05.43.06.0021	All	All	All
Application	Insyde	Insydeh2o	05.44.30.0022	All	All	All
Application	Insyde	Insydeh2o	05.44.34.0055	All	All	All
Application	Insyde	Insydeh2o	05.44.45.0017	All	All	All
Application	Insyde	Insydeh2o	05.45.24.0039	All	All	All
Application	Insyde	Insydeh2o	05.45.38.0005	All	All	All
Application	Insyde	Insydeh2o	05.53.22.0008	All	All	All
Application	Insyde	Insydeh2o	05.53.23.0011	All	All	All
Application	Insyde	Insydeh2o	05.53.23.0014	All	All	All
Application	Insyde	Insydeh2o	05.53.28.0013	All	All	All
Hardware	Intel	Atom X7211e	-	All	All	All
Hardware	Intel	Atom X7213e	-	All	All	All
Hardware	Intel	Atom X7425e	-	All	All	All
Hardware	Intel	B760	-	All	All	All
Hardware	Intel	C262	-	All	All	All
Hardware	Intel	C266	-	All	All	All
Hardware	Intel	Celeron 7300	-	All	All	All
Hardware	Intel	Celeron 7305	-	All	All	All
Hardware	Intel	Celeron 7305l	-	All	All	All
Hardware	Intel	Celeron G6900	-	All	All	All
Hardware	Intel	Celeron G6900t	-	All	All	All
Hardware	Intel	Core I3-12100	-	All	All	All
Hardware	Intel	Core I3-12100f	-	All	All	All
Hardware	Intel	Core I3-12100t	-	All	All	All
Hardware	Intel	Core I3-1210u	-	All	All	All
Hardware	Intel	Core I3-1215u	-	All	All	All
Hardware	Intel	Core I3-1215ul	-	All	All	All
Hardware	Intel	Core I3-1220p	-	All	All	All
Hardware	Intel	Core I3-12300	-	All	All	All
Hardware	Intel	Core I3-12300hl	-	All	All	All

Hardware	Intel	Core I3-12300t	-	All	All	All
Hardware	Intel	Core I3-1305u	-	All	All	All
Hardware	Intel	Core I3-13100	-	All	All	All
Hardware	Intel	Core I3-13100e	-	All	All	All
Hardware	Intel	Core I3-13100f	-	All	All	All
Hardware	Intel	Core I3-13100t	-	All	All	All
Hardware	Intel	Core I3-13100te	-	All	All	All
Hardware	Intel	Core I3-1315u	-	All	All	All
Hardware	Intel	Core I3-1315ue	-	All	All	All
Hardware	Intel	Core I3-1315ure	-	All	All	All
Hardware	Intel	Core I3-1320pe	-	All	All	All
Hardware	Intel	Core I3-1320pre	-	All	All	All
Hardware	Intel	Core I3-13300he	-	All	All	All
Hardware	Intel	Core I3-13300hre	-	All	All	All
Hardware	Intel	Core I3-n300	-	All	All	All
Hardware	Intel	Core I3-n305	-	All	All	All
Hardware	Intel	Core I5-1230u	-	All	All	All
Hardware	Intel	Core I5-1235u	-	All	All	All
Hardware	Intel	Core I5-1235ul	-	All	All	All
Hardware	Intel	Core I5-12400	-	All	All	All
Hardware	Intel	Core I5-12400f	-	All	All	All
Hardware	Intel	Core I5-12400t	-	All	All	All
Hardware	Intel	Core I5-1240p	-	All	All	All
Hardware	Intel	Core I5-1240u	-	All	All	All
Hardware	Intel	Core I5-12450h	-	All	All	All
Hardware	Intel	Core I5-12450hx	-	All	All	All
Hardware	Intel	Core I5-1245u	-	All	All	All
Hardware	Intel	Core I5-1245ul	-	All	All	All
Hardware	Intel	Core I5-12490f	-	All	All	All
Hardware	Intel	Core I5-12500	-	All	All	All
Hardware	Intel	Core I5-12500h	-	All	All	All
Hardware	Intel	Core I5-12500hl	-	All	All	All
Hardware	Intel	Core I5-12500t	-	All	All	All
Hardware	Intel	Core I5-1250p	-	All	All	All
Hardware	Intel	Core I5-12600	-	All	All	All

Hardware	Intel	Core I5-12600h	-	All	All	All
Hardware	Intel	Core I5-12600hl	-	All	All	All
Hardware	Intel	Core I5-12600hx	-	All	All	All
Hardware	Intel	Core I5-12600k	-	All	All	All
Hardware	Intel	Core I5-12600kf	-	All	All	All
Hardware	Intel	Core I5-12600t	-	All	All	All
Hardware	Intel	Core I5-1334u	-	All	All	All
Hardware	Intel	Core I5-1335u	-	All	All	All
Hardware	Intel	Core I5-1335ue	-	All	All	All
Hardware	Intel	Core I5-13400	-	All	All	All
Hardware	Intel	Core I5-13400e	-	All	All	All
Hardware	Intel	Core I5-13400f	-	All	All	All
Hardware	Intel	Core I5-13400t	-	All	All	All
Hardware	Intel	Core I5-1340p	-	All	All	All
Hardware	Intel	Core I5-1340pe	-	All	All	All
Hardware	Intel	Core I5-13420h	-	All	All	All
Hardware	Intel	Core I5-13450hx	-	All	All	All
Hardware	Intel	Core I5-1345u	-	All	All	All
Hardware	Intel	Core I5-1345ue	-	All	All	All
Hardware	Intel	Core I5-1345ure	-	All	All	All
Hardware	Intel	Core I5-13500	-	All	All	All
Hardware	Intel	Core I5-13500e	-	All	All	All
Hardware	Intel	Core I5-13500h	-	All	All	All
Hardware	Intel	Core I5-13500hx	-	All	All	All
Hardware	Intel	Core I5-13500t	-	All	All	All
Hardware	Intel	Core I5-13500te	-	All	All	All
Hardware	Intel	Core I5-13505h	-	All	All	All
Hardware	Intel	Core I5-1350p	-	All	All	All
Hardware	Intel	Core I5-1350pe	-	All	All	All
Hardware	Intel	Core I5-1350pre	-	All	All	All
Hardware	Intel	Core I5-13600	-	All	All	All
Hardware	Intel	Core I5-13600h	-	All	All	All
Hardware	Intel	Core I5-13600he	-	All	All	All
Hardware	Intel	Core I5-13600hre	-	All	All	All
Hardware	Intel	Core I5-13600hx	-	All	All	All
Hardware	Intel	Core I5-13600k	-	All	All	All

Hardware	Intel	Core i5-13600k	-	All	All	All
Hardware	Intel	Core i5-13600kf	-	All	All	All
Hardware	Intel	Core i5-13600t	-	All	All	All
Hardware	Intel	Core i5 14600k	-	All	All	All
Hardware	Intel	Core i5 14600kf	-	All	All	All
Hardware	Intel	Core i7-1250u	-	All	All	All
Hardware	Intel	Core i7-1255u	-	All	All	All
Hardware	Intel	Core i7-1255ul	-	All	All	All
Hardware	Intel	Core i7-1260p	-	All	All	All
Hardware	Intel	Core i7-1260u	-	All	All	All
Hardware	Intel	Core i7-12650h	-	All	All	All
Hardware	Intel	Core i7-12650hx	-	All	All	All
Hardware	Intel	Core i7-1265u	-	All	All	All
Hardware	Intel	Core i7-1265ul	-	All	All	All
Hardware	Intel	Core i7-12700	-	All	All	All
Hardware	Intel	Core i7-12700f	-	All	All	All
Hardware	Intel	Core i7-12700h	-	All	All	All
Hardware	Intel	Core i7-12700hl	-	All	All	All
Hardware	Intel	Core i7-12700k	-	All	All	All
Hardware	Intel	Core i7-12700kf	-	All	All	All
Hardware	Intel	Core i7-12700t	-	All	All	All
Hardware	Intel	Core i7-1270p	-	All	All	All
Hardware	Intel	Core i7-12800h	-	All	All	All
Hardware	Intel	Core i7-12800hl	-	All	All	All
Hardware	Intel	Core i7-12800hx	-	All	All	All
Hardware	Intel	Core i7-1280p	-	All	All	All
Hardware	Intel	Core i7-12850hx	-	All	All	All
Hardware	Intel	Core i7-1355u	-	All	All	All
Hardware	Intel	Core i7-1360p	-	All	All	All
Hardware	Intel	Core i7-13620h	-	All	All	All
Hardware	Intel	Core i7-13650hx	-	All	All	All
Hardware	Intel	Core i7-1365u	-	All	All	All
Hardware	Intel	Core i7-1365ue	-	All	All	All
Hardware	Intel	Core i7-1365ure	-	All	All	All
Hardware	Intel	Core i7-1366ure	-	All	All	All
Hardware	Intel	Core i7-13700	-	All	All	All

Hardware	Intel	Core I7-13700e	-	All	All	All
Hardware	Intel	Core I7-13700f	-	All	All	All
Hardware	Intel	Core I7-13700h	-	All	All	All
Hardware	Intel	Core I7-13700hx	-	All	All	All
Hardware	Intel	Core I7-13700k	-	All	All	All
Hardware	Intel	Core I7-13700kf	-	All	All	All
Hardware	Intel	Core I7-13700t	-	All	All	All
Hardware	Intel	Core I7-13700te	-	All	All	All
Hardware	Intel	Core I7-13705h	-	All	All	All
Hardware	Intel	Core I7-1370p	-	All	All	All
Hardware	Intel	Core I7-1370pe	-	All	All	All
Hardware	Intel	Core I7-1370pre	-	All	All	All
Hardware	Intel	Core I7-1375pre	-	All	All	All
Hardware	Intel	Core I7-13800h	-	All	All	All
Hardware	Intel	Core I7-13800he	-	All	All	All
Hardware	Intel	Core I7-13800hre	-	All	All	All
Hardware	Intel	Core I7-13850hx	-	All	All	All
Hardware	Intel	Core I7 14700k	-	All	All	All
Hardware	Intel	Core I7 14700kf	-	All	All	All
Hardware	Intel	Core I9-12900	-	All	All	All
Hardware	Intel	Core I9-12900f	-	All	All	All
Hardware	Intel	Core I9-12900h	-	All	All	All
Hardware	Intel	Core I9-12900hk	-	All	All	All
Hardware	Intel	Core I9-12900hx	-	All	All	All
Hardware	Intel	Core I9-12900k	-	All	All	All
Hardware	Intel	Core I9-12900kf	-	All	All	All
Hardware	Intel	Core I9-12900ks	-	All	All	All
Hardware	Intel	Core I9-12900t	-	All	All	All
Hardware	Intel	Core I9-12950hx	-	All	All	All
Hardware	Intel	Core I9-13900	-	All	All	All
Hardware	Intel	Core I9-13900e	-	All	All	All
Hardware	Intel	Core I9-13900f	-	All	All	All
Hardware	Intel	Core I9-13900h	-	All	All	All
Hardware	Intel	Core I9-13900hk	-	All	All	All
Hardware	Intel	Core I9-13900hx	-	All	All	All

Hardware	Intel	Core I9-13900k	-	All	All	All
Hardware	Intel	Core I9-13900kf	-	All	All	All
Hardware	Intel	Core I9-13900ks	-	All	All	All
Hardware	Intel	Core I9-13900t	-	All	All	All
Hardware	Intel	Core I9-13900te	-	All	All	All
Hardware	Intel	Core I9-13905h	-	All	All	All
Hardware	Intel	Core I9-13950hx	-	All	All	All
Hardware	Intel	Core I9-13980hx	-	All	All	All
Hardware	Intel	Core I9-14900k	-	All	All	All
Hardware	Intel	Core I9-14900kf	-	All	All	All
Hardware	Intel	H770	-	All	All	All
Hardware	Intel	Hm770	-	All	All	All
Hardware	Intel	N100	-	All	All	All
Hardware	Intel	N200	-	All	All	All
Hardware	Intel	N50	-	All	All	All
Hardware	Intel	N95	-	All	All	All
Hardware	Intel	N97	-	All	All	All
Hardware	Intel	Pentium 8500	-	All	All	All
Hardware	Intel	Pentium 8505	-	All	All	All
Hardware	Intel	Pentium Gold G7400	-	All	All	All
Hardware	Intel	Pentium Gold G7400t	-	All	All	All
Hardware	Intel	U300	-	All	All	All
Hardware	Intel	U300e	-	All	All	All
Hardware	Intel	Wm790	-	All	All	All
Hardware	Intel	Z790	-	All	All	All

References

Reference	Source	Link	Tags
Insyde's Security Pledge Insyde Software	MISC	www.insyde.com	
Insyde Security Advisory 2023054 Insyde Software	MISC	www.insyde.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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