



CVE-2020-0110

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

Summary

CVE	CVE-2020-0110
State	PUBLIC
Assigner	security@android.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-05-14 21:15:00 UTC
Updated	2021-12-06 16:57:00 UTC
Description	In psi_write of psi.c, there is a possible out of bounds write due to a missing bounds check. This could lead to local escalation

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	-	All	All	All
Operating System	Google	Android	-	All	All	All
Hardware	Intel	Core I3-1000g1	-	All	All	All
Operating System	Intel	Core I3-1000g1 Firmware	-	All	All	All
Hardware	Intel	Core I3-1000g4	-	All	All	All
Operating System	Intel	Core I3-1000g4 Firmware	-	All	All	All
Hardware	Intel	Core I3-1005g1	-	All	All	All
Operating System	Intel	Core I3-1005g1 Firmware	-	All	All	All
Hardware	Intel	Core I3-10100	-	All	All	All
Hardware	Intel	Core I3-10100e	-	All	All	All
Operating System	Intel	Core I3-10100e Firmware	-	All	All	All
Hardware	Intel	Core I3-10100f	-	All	All	All
Operating System	Intel	Core I3-10100f Firmware	-	All	All	All
Hardware	Intel	Core I3-10100t	-	All	All	All
Hardware	Intel	Core I3-10100te	-	All	All	All
Operating System	Intel	Core I3-10100te Firmware	-	All	All	All
Operating System	Intel	Core I3-10100t Firmware	-	All	All	All

Hardware	Intel	Core I3-10100y	-	All	All	All
Operating System	Intel	Core I3-10100y Firmware	-	All	All	All
Operating System	Intel	Core I3-10100 Firmware	-	All	All	All
Hardware	Intel	Core I3-10105	-	All	All	All
Hardware	Intel	Core I3-10105f	-	All	All	All
Operating System	Intel	Core I3-10105f Firmware	-	All	All	All
Hardware	Intel	Core I3-10105t	-	All	All	All
Operating System	Intel	Core I3-10105t Firmware	-	All	All	All
Operating System	Intel	Core I3-10105 Firmware	-	All	All	All
Hardware	Intel	Core I3-10110u	-	All	All	All
Operating System	Intel	Core I3-10110u Firmware	-	All	All	All
Hardware	Intel	Core I3-10110y	-	All	All	All
Operating System	Intel	Core I3-10110y Firmware	-	All	All	All
Hardware	Intel	Core I3-10300	-	All	All	All
Hardware	Intel	Core I3-10300t	-	All	All	All
Operating System	Intel	Core I3-10300t Firmware	-	All	All	All
Operating System	Intel	Core I3-10300 Firmware	-	All	All	All
Hardware	Intel	Core I3-10305	-	All	All	All
Hardware	Intel	Core I3-10305t	-	All	All	All
Operating System	Intel	Core I3-10305t Firmware	-	All	All	All
Operating System	Intel	Core I3-10305 Firmware	-	All	All	All
Hardware	Intel	Core I3-10320	-	All	All	All
Operating System	Intel	Core I3-10320 Firmware	-	All	All	All
Hardware	Intel	Core I3-10325	-	All	All	All
Operating System	Intel	Core I3-10325 Firmware	-	All	All	All
Hardware	Intel	Core I3-11100he	-	All	All	All
Operating System	Intel	Core I3-11100he Firmware	-	All	All	All
Hardware	Intel	Core I3-1110g4	-	All	All	All
Operating System	Intel	Core I3-1110g4 Firmware	-	All	All	All
Hardware	Intel	Core I3-1115g4	-	All	All	All
Hardware	Intel	Core I3-1115g4e	-	All	All	All
Operating System	Intel	Core I3-1115g4e Firmware	-	All	All	All
Operating System	Intel	Core I3-1115g4 Firmware	-	All	All	All
Hardware	Intel	Core I3-1115gre	-	All	All	All
Operating System	Intel	Core I3-1115gre Firmware	-	All	All	All

Hardware	Intel	Core I3-1120g4	-	All	All	All
Operating System	Intel	Core I3-1120g4 Firmware	-	All	All	All
Hardware	Intel	Core I3-1125g4	-	All	All	All
Operating System	Intel	Core I3-1125g4 Firmware	-	All	All	All
Hardware	Intel	Core I5-10200h	-	All	All	All
Operating System	Intel	Core I5-10200h Firmware	-	All	All	All
Hardware	Intel	Core I5-10210u	-	All	All	All
Operating System	Intel	Core I5-10210u Firmware	-	All	All	All
Hardware	Intel	Core I5-10210y	-	All	All	All
Operating System	Intel	Core I5-10210y Firmware	-	All	All	All
Hardware	Intel	Core I5-10300h	-	All	All	All
Operating System	Intel	Core I5-10300h Firmware	-	All	All	All
Hardware	Intel	Core I5-1030g4	-	All	All	All
Operating System	Intel	Core I5-1030g4 Firmware	-	All	All	All
Hardware	Intel	Core I5-1030g7	-	All	All	All
Operating System	Intel	Core I5-1030g7 Firmware	-	All	All	All
Hardware	Intel	Core I5-10310u	-	All	All	All
Operating System	Intel	Core I5-10310u Firmware	-	All	All	All
Hardware	Intel	Core I5-10310y	-	All	All	All
Operating System	Intel	Core I5-10310y Firmware	-	All	All	All
Hardware	Intel	Core I5-1035g1	-	All	All	All
Operating System	Intel	Core I5-1035g1 Firmware	-	All	All	All
Hardware	Intel	Core I5-1035g4	-	All	All	All
Operating System	Intel	Core I5-1035g4 Firmware	-	All	All	All
Hardware	Intel	Core I5-1035g7	-	All	All	All
Operating System	Intel	Core I5-1035g7 Firmware	-	All	All	All
Hardware	Intel	Core I5-1038ng7	-	All	All	All
Operating System	Intel	Core I5-1038ng7 Firmware	-	All	All	All
Hardware	Intel	Core I5-10400	-	All	All	All
Hardware	Intel	Core I5-10400f	-	All	All	All
Operating System	Intel	Core I5-10400f Firmware	-	All	All	All
Hardware	Intel	Core I5-10400h	-	All	All	All
Operating System	Intel	Core I5-10400h Firmware	-	All	All	All
Hardware	Intel	Core I5-10400t	-	All	All	All
Operating System	Intel	Core I5-10400t Firmware	-	All	All	All

Operating System	Intel	Core I5-10400 Firmware	-	All	All	All
Hardware	Intel	Core I5-10500	-	All	All	All
Hardware	Intel	Core I5-10500e	-	All	All	All
Operating System	Intel	Core I5-10500e Firmware	-	All	All	All
Hardware	Intel	Core I5-10500h	-	All	All	All
Operating System	Intel	Core I5-10500h Firmware	-	All	All	All
Hardware	Intel	Core I5-10500t	-	All	All	All
Hardware	Intel	Core I5-10500te	-	All	All	All
Operating System	Intel	Core I5-10500te Firmware	-	All	All	All
Operating System	Intel	Core I5-10500t Firmware	-	All	All	All
Operating System	Intel	Core I5-10500 Firmware	-	All	All	All
Hardware	Intel	Core I5-10505	-	All	All	All
Operating System	Intel	Core I5-10505 Firmware	-	All	All	All
Hardware	Intel	Core I5-10600	-	All	All	All
Hardware	Intel	Core I5-10600k	-	All	All	All
Hardware	Intel	Core I5-10600kf	-	All	All	All
Operating System	Intel	Core I5-10600kf Firmware	-	All	All	All
Operating System	Intel	Core I5-10600k Firmware	-	All	All	All
Hardware	Intel	Core I5-10600t	-	All	All	All
Operating System	Intel	Core I5-10600t Firmware	-	All	All	All
Operating System	Intel	Core I5-10600 Firmware	-	All	All	All
Hardware	Intel	Core I5-11260h	-	All	All	All
Operating System	Intel	Core I5-11260h Firmware	-	All	All	All
Hardware	Intel	Core I5-11300h	-	All	All	All
Operating System	Intel	Core I5-11300h Firmware	-	All	All	All
Hardware	Intel	Core I5-1130g7	-	All	All	All
Operating System	Intel	Core I5-1130g7 Firmware	-	All	All	All
Hardware	Intel	Core I5-11320h	-	All	All	All
Operating System	Intel	Core I5-11320h Firmware	-	All	All	All
Hardware	Intel	Core I5-1135g7	-	All	All	All
Operating System	Intel	Core I5-1135g7 Firmware	-	All	All	All
Hardware	Intel	Core I5-11400	-	All	All	All
Hardware	Intel	Core I5-11400f	-	All	All	All
Operating System	Intel	Core I5-11400f Firmware	-	All	All	All
Hardware	Intel	Core I5-11400h	-	All	All	All
Operating System	Intel	Core I5-11400h Firmware	-	All	All	All

Hardware	Intel	Core I5-11400t	-	All	All	All
Operating System	Intel	Core I5-11400t Firmware	-	All	All	All
Operating System	Intel	Core I5-11400 Firmware	-	All	All	All
Hardware	Intel	Core I5-1140g7	-	All	All	All
Operating System	Intel	Core I5-1140g7 Firmware	-	All	All	All
Hardware	Intel	Core I5-1145g7	-	All	All	All
Hardware	Intel	Core I5-1145g7e	-	All	All	All
Operating System	Intel	Core I5-1145g7e Firmware	-	All	All	All
Operating System	Intel	Core I5-1145g7 Firmware	-	All	All	All
Hardware	Intel	Core I5-1145gre	-	All	All	All
Operating System	Intel	Core I5-1145gre Firmware	-	All	All	All
Hardware	Intel	Core I5-11500	-	All	All	All
Hardware	Intel	Core I5-11500h	-	All	All	All
Hardware	Intel	Core I5-11500he	-	All	All	All
Operating System	Intel	Core I5-11500he Firmware	-	All	All	All
Operating System	Intel	Core I5-11500h Firmware	-	All	All	All
Hardware	Intel	Core I5-11500t	-	All	All	All
Operating System	Intel	Core I5-11500t Firmware	-	All	All	All
Operating System	Intel	Core I5-11500 Firmware	-	All	All	All
Hardware	Intel	Core I5-1155g7	-	All	All	All
Operating System	Intel	Core I5-1155g7 Firmware	-	All	All	All
Hardware	Intel	Core I5-11600	-	All	All	All
Hardware	Intel	Core I5-11600k	-	All	All	All
Hardware	Intel	Core I5-11600kf	-	All	All	All
Operating System	Intel	Core I5-11600kf Firmware	-	All	All	All
Operating System	Intel	Core I5-11600k Firmware	-	All	All	All
Hardware	Intel	Core I5-11600t	-	All	All	All
Operating System	Intel	Core I5-11600t Firmware	-	All	All	All
Operating System	Intel	Core I5-11600 Firmware	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All
Operating System	Intel	Core I7-10510u Firmware	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Operating System	Intel	Core I7-10510y Firmware	-	All	All	All
Hardware	Intel	Core I7-1060g7	-	All	All	All
Operating System	Intel	Core I7-1060g7 Firmware	-	All	All	All

Hardware	Intel	Core I7-10610u	-	All	All	All
Operating System	Intel	Core I7-10610u Firmware	-	All	All	All
Hardware	Intel	Core I7-1065g7	-	All	All	All
Operating System	Intel	Core I7-1065g7 Firmware	-	All	All	All
Hardware	Intel	Core I7-1068ng7	-	All	All	All
Operating System	Intel	Core I7-1068ng7 Firmware	-	All	All	All
Hardware	Intel	Core I7-10700	-	All	All	All
Hardware	Intel	Core I7-10700e	-	All	All	All
Operating System	Intel	Core I7-10700e Firmware	-	All	All	All
Hardware	Intel	Core I7-10700f	-	All	All	All
Operating System	Intel	Core I7-10700f Firmware	-	All	All	All
Hardware	Intel	Core I7-10700k	-	All	All	All
Hardware	Intel	Core I7-10700kf	-	All	All	All
Operating System	Intel	Core I7-10700kf Firmware	-	All	All	All
Operating System	Intel	Core I7-10700k Firmware	-	All	All	All
Hardware	Intel	Core I7-10700t	-	All	All	All
Hardware	Intel	Core I7-10700te	-	All	All	All
Operating System	Intel	Core I7-10700te Firmware	-	All	All	All
Operating System	Intel	Core I7-10700t Firmware	-	All	All	All
Operating System	Intel	Core I7-10700 Firmware	-	All	All	All
Hardware	Intel	Core I7-10710u	-	All	All	All
Operating System	Intel	Core I7-10710u Firmware	-	All	All	All
Hardware	Intel	Core I7-10750h	-	All	All	All
Operating System	Intel	Core I7-10750h Firmware	-	All	All	All
Hardware	Intel	Core I7-10810u	-	All	All	All
Operating System	Intel	Core I7-10810u Firmware	-	All	All	All
Hardware	Intel	Core I7-10850h	-	All	All	All
Operating System	Intel	Core I7-10850h Firmware	-	All	All	All
Hardware	Intel	Core I7-10870h	-	All	All	All
Operating System	Intel	Core I7-10870h Firmware	-	All	All	All
Hardware	Intel	Core I7-10875h	-	All	All	All
Operating System	Intel	Core I7-10875h Firmware	-	All	All	All
Hardware	Intel	Core I7-11370h	-	All	All	All
Operating System	Intel	Core I7-11370h Firmware	-	All	All	All
Hardware	Intel	Core I7-11375h	-	All	All	All
Operating System	Intel	Core I7-11375h Firmware	-	All	All	All

Operating System	intel	Core i7-11375h Firmware	-	All	All	All
Hardware	Intel	Core i7-11390h	-	All	All	All
Operating System	Intel	Core i7-11390h Firmware	-	All	All	All
Hardware	Intel	Core i7-11600h	-	All	All	All
Operating System	Intel	Core i7-11600h Firmware	-	All	All	All
Hardware	Intel	Core i7-1160g7	-	All	All	All
Operating System	Intel	Core i7-1160g7 Firmware	-	All	All	All
Hardware	Intel	Core i7-1165g7	-	All	All	All
Operating System	Intel	Core i7-1165g7 Firmware	-	All	All	All
Hardware	Intel	Core i7-11700	-	All	All	All
Hardware	Intel	Core i7-11700f	-	All	All	All
Operating System	Intel	Core i7-11700f Firmware	-	All	All	All
Hardware	Intel	Core i7-11700k	-	All	All	All
Hardware	Intel	Core i7-11700kf	-	All	All	All
Operating System	Intel	Core i7-11700kf Firmware	-	All	All	All
Operating System	Intel	Core i7-11700k Firmware	-	All	All	All
Hardware	Intel	Core i7-11700t	-	All	All	All
Operating System	Intel	Core i7-11700t Firmware	-	All	All	All
Operating System	Intel	Core i7-11700 Firmware	-	All	All	All
Hardware	Intel	Core i7-11800h	-	All	All	All
Operating System	Intel	Core i7-11800h Firmware	-	All	All	All
Hardware	Intel	Core i7-1180g7	-	All	All	All
Operating System	Intel	Core i7-1180g7 Firmware	-	All	All	All
Hardware	Intel	Core i7-11850h	-	All	All	All
Hardware	Intel	Core i7-11850he	-	All	All	All
Operating System	Intel	Core i7-11850he Firmware	-	All	All	All
Operating System	Intel	Core i7-11850h Firmware	-	All	All	All
Hardware	Intel	Core i7-1185g7	-	All	All	All
Hardware	Intel	Core i7-1185g7e	-	All	All	All
Operating System	Intel	Core i7-1185g7e Firmware	-	All	All	All
Operating System	Intel	Core i7-1185g7 Firmware	-	All	All	All
Hardware	Intel	Core i7-1185gre	-	All	All	All
Operating System	Intel	Core i7-1185gre Firmware	-	All	All	All
Hardware	Intel	Core i7-1195g7	-	All	All	All
Operating System	Intel	Core i7-1195g7 Firmware	-	All	All	All
Hardware	Intel	Core i9-10850k	-	All	All	All

Operating System	Intel	Core I9-10850k Firmware	-	All	All	All
Hardware	Intel	Core I9-10885h	-	All	All	All
Operating System	Intel	Core I9-10885h Firmware	-	All	All	All
Hardware	Intel	Core I9-10900	-	All	All	All
Hardware	Intel	Core I9-10900e	-	All	All	All
Operating System	Intel	Core I9-10900e Firmware	-	All	All	All
Hardware	Intel	Core I9-10900f	-	All	All	All
Operating System	Intel	Core I9-10900f Firmware	-	All	All	All
Hardware	Intel	Core I9-10900k	-	All	All	All
Hardware	Intel	Core I9-10900kf	-	All	All	All
Operating System	Intel	Core I9-10900kf Firmware	-	All	All	All
Operating System	Intel	Core I9-10900k Firmware	-	All	All	All
Hardware	Intel	Core I9-10900t	-	All	All	All
Hardware	Intel	Core I9-10900te	-	All	All	All
Operating System	Intel	Core I9-10900te Firmware	-	All	All	All
Operating System	Intel	Core I9-10900t Firmware	-	All	All	All
Operating System	Intel	Core I9-10900 Firmware	-	All	All	All
Hardware	Intel	Core I9-10980hk	-	All	All	All
Operating System	Intel	Core I9-10980hk Firmware	-	All	All	All
Hardware	Intel	Core I9-11900	-	All	All	All
Hardware	Intel	Core I9-11900f	-	All	All	All
Operating System	Intel	Core I9-11900f Firmware	-	All	All	All
Hardware	Intel	Core I9-11900h	-	All	All	All
Operating System	Intel	Core I9-11900h Firmware	-	All	All	All
Hardware	Intel	Core I9-11900k	-	All	All	All
Hardware	Intel	Core I9-11900kf	-	All	All	All
Operating System	Intel	Core I9-11900kf Firmware	-	All	All	All
Operating System	Intel	Core I9-11900k Firmware	-	All	All	All
Hardware	Intel	Core I9-11900t	-	All	All	All
Operating System	Intel	Core I9-11900t Firmware	-	All	All	All
Operating System	Intel	Core I9-11900 Firmware	-	All	All	All
Hardware	Intel	Core I9-11950h	-	All	All	All
Operating System	Intel	Core I9-11950h Firmware	-	All	All	All
Hardware	Intel	Core I9-11980hk	-	All	All	All
Operating System	Intel	Core I9-11980hk Firmware	-	All	All	All

Hardware	Intel	Jhl6240	-	All	All	All
Operating System	Intel	Jhl6240 Firmware	All	All	All	All
Hardware	Intel	Jhl6340	-	All	All	All
Operating System	Intel	Jhl6340 Firmware	All	All	All	All
Hardware	Intel	Jhl6540	-	All	All	All
Operating System	Intel	Jhl6540 Firmware	All	All	All	All
Hardware	Intel	Jhl7340	-	All	All	All
Operating System	Intel	Jhl7340 Firmware	All	All	All	All
Hardware	Intel	Jhl7440	-	All	All	All
Operating System	Intel	Jhl7440 Firmware	All	All	All	All
Hardware	Intel	Jhl7540	-	All	All	All
Operating System	Intel	Jhl7540 Firmware	All	All	All	All
Hardware	Intel	Jhl8440	-	All	All	All
Operating System	Intel	Jhl8440 Firmware	All	All	All	All
Hardware	Intel	Jhl8540	-	All	All	All
Operating System	Intel	Jhl8540 Firmware	All	All	All	All

References

Reference	Source	Link	Tags
INTEL-SA-00533	CONFIRM	www.intel.com	
Android Security Bulletin—May 2020 Android Open Source Project	MISC	source.android.com	Patch, Vendor 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.

Legacy QID Mappings

[750376](#) OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)

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