



CVE-2020-24506

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

Summary

CVE	CVE-2020-24506
State	PUBLIC
Assigner	secure@intel.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-06-09 19:15:00 UTC
Updated	2022-04-22 16:20:00 UTC
Description	Out of bound read in a subsystem in the Intel(R) CSME versions before 12.0.81, 13.0.47, 13.30.17, 14.1.53 and 14.5.32 m

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Intel	B360	-	All	All	All
Hardware	Intel	B365	-	All	All	All
Hardware	Intel	B460	-	All	All	All
Hardware	Intel	C242	-	All	All	All
Hardware	Intel	C246	-	All	All	All
Hardware	Intel	Celeron 4205u	-	All	All	All
Hardware	Intel	Celeron 4305u	-	All	All	All
Hardware	Intel	Celeron 4305ue	-	All	All	All
Application	Intel	Converged Security And Manageability Engine	All	All	All	All
Hardware	Intel	Core I3-1000g1	-	All	All	All
Hardware	Intel	Core I3-1000g4	-	All	All	All
Hardware	Intel	Core I3-1000ng4	-	All	All	All
Hardware	Intel	Core I3-1005g1	-	All	All	All
Hardware	Intel	Core I3-10100	-	All	All	All
Hardware	Intel	Core I3-10100e	-	All	All	All
Hardware	Intel	Core I3-10100f	-	All	All	All
Hardware	Intel	Core I3-10100t	-	All	All	All

Hardware	Intel	Core I3-10100te	-	All	All	All
Hardware	Intel	Core I3-10100y	-	All	All	All
Hardware	Intel	Core I3-10105	-	All	All	All
Hardware	Intel	Core I3-10105f	-	All	All	All
Hardware	Intel	Core I3-10105t	-	All	All	All
Hardware	Intel	Core I3-10110u	-	All	All	All
Hardware	Intel	Core I3-10110y	-	All	All	All
Hardware	Intel	Core I3-10300	-	All	All	All
Hardware	Intel	Core I3-10300t	-	All	All	All
Hardware	Intel	Core I3-10305	-	All	All	All
Hardware	Intel	Core I3-10305t	-	All	All	All
Hardware	Intel	Core I3-10320	-	All	All	All
Hardware	Intel	Core I3-10325	-	All	All	All
Hardware	Intel	Core I3-8100	-	All	All	All
Hardware	Intel	Core I3-8100b	-	All	All	All
Hardware	Intel	Core I3-8100h	-	All	All	All
Hardware	Intel	Core I3-8100t	-	All	All	All
Hardware	Intel	Core I3-8109u	-	All	All	All
Hardware	Intel	Core I3-8121u	-	All	All	All
Hardware	Intel	Core I3-8130u	-	All	All	All
Hardware	Intel	Core I3-8140u	-	All	All	All
Hardware	Intel	Core I3-8145u	-	All	All	All
Hardware	Intel	Core I3-8145ue	-	All	All	All
Hardware	Intel	Core I3-8300	-	All	All	All
Hardware	Intel	Core I3-8300t	-	All	All	All
Hardware	Intel	Core I3-8350k	-	All	All	All
Hardware	Intel	Core I3 L13g4	-	All	All	All
Hardware	Intel	Core I5-10200h	-	All	All	All
Hardware	Intel	Core I5-10210u	-	All	All	All
Hardware	Intel	Core I5-10210y	-	All	All	All
Hardware	Intel	Core I5-10300h	-	All	All	All
Hardware	Intel	Core I5-1030g4	-	All	All	All
Hardware	Intel	Core I5-1030g7	-	All	All	All
Hardware	Intel	Core I5-1030ng7	-	All	All	All
Hardware	Intel	Core I5-10310u	-	All	All	All

Hardware	Intel	Core I5-10310y	-	All	All	All
Hardware	Intel	Core I5-1035g1	-	All	All	All
Hardware	Intel	Core I5-1035g4	-	All	All	All
Hardware	Intel	Core I5-1035g7	-	All	All	All
Hardware	Intel	Core I5-1038ng7	-	All	All	All
Hardware	Intel	Core I5-10400	-	All	All	All
Hardware	Intel	Core I5-10400f	-	All	All	All
Hardware	Intel	Core I5-10400h	-	All	All	All
Hardware	Intel	Core I5-10400t	-	All	All	All
Hardware	Intel	Core I5-10500	-	All	All	All
Hardware	Intel	Core I5-10500e	-	All	All	All
Hardware	Intel	Core I5-10500h	-	All	All	All
Hardware	Intel	Core I5-10500t	-	All	All	All
Hardware	Intel	Core I5-10500te	-	All	All	All
Hardware	Intel	Core I5-10505	-	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
Hardware	Intel	Core I5-10600t	-	All	All	All
Hardware	Intel	Core I5-8200y	-	All	All	All
Hardware	Intel	Core I5-8210y	-	All	All	All
Hardware	Intel	Core I5-8250u	-	All	All	All
Hardware	Intel	Core I5-8257u	-	All	All	All
Hardware	Intel	Core I5-8259u	-	All	All	All
Hardware	Intel	Core I5-8260u	-	All	All	All
Hardware	Intel	Core I5-8265u	-	All	All	All
Hardware	Intel	Core I5-8269u	-	All	All	All
Hardware	Intel	Core I5-8279u	-	All	All	All
Hardware	Intel	Core I5-8300h	-	All	All	All
Hardware	Intel	Core I5-8305g	-	All	All	All
Hardware	Intel	Core I5-8310y	-	All	All	All
Hardware	Intel	Core I5-8350u	-	All	All	All
Hardware	Intel	Core I5-8365u	-	All	All	All
Hardware	Intel	Core I5-8365ue	-	All	All	All
Hardware	Intel	Core I5-8400	-	All	All	All

Hardware	Intel	Core I5-8400b	-	All	All	All
Hardware	Intel	Core I5-8400h	-	All	All	All
Hardware	Intel	Core I5-8400t	-	All	All	All
Hardware	Intel	Core I5-8500	-	All	All	All
Hardware	Intel	Core I5-8500b	-	All	All	All
Hardware	Intel	Core I5-8500t	-	All	All	All
Hardware	Intel	Core I5-8600	-	All	All	All
Hardware	Intel	Core I5-8600k	-	All	All	All
Hardware	Intel	Core I5-8600t	-	All	All	All
Hardware	Intel	Core I5 L16g7	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Hardware	Intel	Core I7-1060g7	-	All	All	All
Hardware	Intel	Core I7-1060ng7	-	All	All	All
Hardware	Intel	Core I7-10610u	-	All	All	All
Hardware	Intel	Core I7-1065g7	-	All	All	All
Hardware	Intel	Core I7-1068ng7	-	All	All	All
Hardware	Intel	Core I7-10700	-	All	All	All
Hardware	Intel	Core I7-10700e	-	All	All	All
Hardware	Intel	Core I7-10700f	-	All	All	All
Hardware	Intel	Core I7-10700k	-	All	All	All
Hardware	Intel	Core I7-10700kf	-	All	All	All
Hardware	Intel	Core I7-10700t	-	All	All	All
Hardware	Intel	Core I7-10700te	-	All	All	All
Hardware	Intel	Core I7-10710u	-	All	All	All
Hardware	Intel	Core I7-10750h	-	All	All	All
Hardware	Intel	Core I7-10810u	-	All	All	All
Hardware	Intel	Core I7-10850h	-	All	All	All
Hardware	Intel	Core I7-10870h	-	All	All	All
Hardware	Intel	Core I7-10875h	-	All	All	All
Hardware	Intel	Core I7-8086k	-	All	All	All
Hardware	Intel	Core I7-8500y	-	All	All	All
Hardware	Intel	Core I7-8550u	-	All	All	All
Hardware	Intel	Core I7-8557u	-	All	All	All
Hardware	Intel	Core I7-8559u	-	All	All	All
Hardware	Intel	Core I7-8565u	-	All	All	All

Hardware	Intel	Core I7-8569u	-	All	All	All
Hardware	Intel	Core I7-8650u	-	All	All	All
Hardware	Intel	Core I7-8665u	-	All	All	All
Hardware	Intel	Core I7-8665ue	-	All	All	All
Hardware	Intel	Core I7-8700	-	All	All	All
Hardware	Intel	Core I7-8700b	-	All	All	All
Hardware	Intel	Core I7-8700k	-	All	All	All
Hardware	Intel	Core I7-8700t	-	All	All	All
Hardware	Intel	Core I7-8705g	-	All	All	All
Hardware	Intel	Core I7-8706g	-	All	All	All
Hardware	Intel	Core I7-8709g	-	All	All	All
Hardware	Intel	Core I7-8750h	-	All	All	All
Hardware	Intel	Core I7-8809g	-	All	All	All
Hardware	Intel	Core I7-8850h	-	All	All	All
Hardware	Intel	Core I9-10850k	-	All	All	All
Hardware	Intel	Core I9-10885h	-	All	All	All
Hardware	Intel	Core I9-10900	-	All	All	All
Hardware	Intel	Core I9-10900e	-	All	All	All
Hardware	Intel	Core I9-10900f	-	All	All	All
Hardware	Intel	Core I9-10900k	-	All	All	All
Hardware	Intel	Core I9-10900kf	-	All	All	All
Hardware	Intel	Core I9-10900t	-	All	All	All
Hardware	Intel	Core I9-10900te	-	All	All	All
Hardware	Intel	Core I9-10910	-	All	All	All
Hardware	Intel	Core I9-10980hk	-	All	All	All
Hardware	Intel	Core I9-8950hk	-	All	All	All
Hardware	Intel	H310	-	All	All	All
Hardware	Intel	H370	-	All	All	All
Hardware	Intel	H410	-	All	All	All
Hardware	Intel	H420e	-	All	All	All
Hardware	Intel	H470	-	All	All	All
Hardware	Intel	Mobile Cm246	-	All	All	All
Hardware	Intel	Pentium Gold 4410y	-	All	All	All
Hardware	Intel	Pentium Gold 4415u	-	All	All	All
Hardware	Intel	Pentium Gold 4415y	-	All	All	All

Hardware	Intel	Pentium Gold 4417u	-	All	All	All
Hardware	Intel	Pentium Gold 4425y	-	All	All	All
Hardware	Intel	Pentium Gold 5405u	-	All	All	All
Hardware	Intel	Pentium Gold 6405u	-	All	All	All
Hardware	Intel	Pentium Gold 6500y	-	All	All	All
Hardware	Intel	Pentium Gold 7505	-	All	All	All
Hardware	Intel	Pentium Gold G5400	-	All	All	All
Hardware	Intel	Pentium Gold G5400t	-	All	All	All
Hardware	Intel	Pentium Gold G5420	-	All	All	All
Hardware	Intel	Pentium Gold G5420t	-	All	All	All
Hardware	Intel	Pentium Gold G5500	-	All	All	All
Hardware	Intel	Pentium Gold G5500t	-	All	All	All
Hardware	Intel	Pentium Gold G5600	-	All	All	All
Hardware	Intel	Pentium Gold G5600t	-	All	All	All
Hardware	Intel	Pentium Gold G5620	-	All	All	All
Hardware	Intel	Pentium Gold G6400	-	All	All	All
Hardware	Intel	Pentium Gold G6400e	-	All	All	All
Hardware	Intel	Pentium Gold G6400t	-	All	All	All
Hardware	Intel	Pentium Gold G6400te	-	All	All	All
Hardware	Intel	Pentium Gold G6405	-	All	All	All
Hardware	Intel	Pentium Gold G6405t	-	All	All	All
Hardware	Intel	Pentium Gold G6500	-	All	All	All
Hardware	Intel	Pentium Gold G6500t	-	All	All	All
Hardware	Intel	Pentium Gold G6505	-	All	All	All
Hardware	Intel	Pentium Gold G6505t	-	All	All	All
Hardware	Intel	Pentium Gold G6600	-	All	All	All
Hardware	Intel	Pentium Gold G6605	-	All	All	All
Hardware	Intel	Q370	-	All	All	All
Hardware	Intel	Q470	-	All	All	All
Hardware	Intel	Q470e	-	All	All	All
Hardware	Intel	W480	-	All	All	All
Hardware	Intel	W480e	-	All	All	All
Hardware	Intel	Xeon W-10855m	-	All	All	All
Hardware	Intel	Xeon W-10885m	-	All	All	All
Hardware	Intel	Xeon W-11855m	-	All	All	All
Hardware	Intel	Xeon W-11855m	-	All	All	All

Hardware	intel	xeon w-11953m	-	All	All	All
Hardware	Intel	Xeon W-1250	-	All	All	All
Hardware	Intel	Xeon W-1250e	-	All	All	All
Hardware	Intel	Xeon W-1250p	-	All	All	All
Hardware	Intel	Xeon W-1250te	-	All	All	All
Hardware	Intel	Xeon W-1270	-	All	All	All
Hardware	Intel	Xeon W-1270e	-	All	All	All
Hardware	Intel	Xeon W-1270p	-	All	All	All
Hardware	Intel	Xeon W-1270te	-	All	All	All
Hardware	Intel	Xeon W-1290	-	All	All	All
Hardware	Intel	Xeon W-1290e	-	All	All	All
Hardware	Intel	Xeon W-1290p	-	All	All	All
Hardware	Intel	Xeon W-1290t	-	All	All	All
Hardware	Intel	Xeon W-1290te	-	All	All	All
Hardware	Intel	Z370	-	All	All	All
Hardware	Intel	Z390	-	All	All	All
Hardware	Intel	Z490	-	All	All	All
Hardware	Siemens	Simatic Field Pg M6	-	All	All	All
Operating System	Siemens	Simatic Field Pg M6 Firmware	All	All	All	All
Hardware	Siemens	Simatic ipc627e	-	All	All	All
Operating System	Siemens	Simatic ipc627e Firmware	All	All	All	All
Hardware	Siemens	Simatic ipc647e	-	All	All	All
Operating System	Siemens	Simatic ipc647e Firmware	All	All	All	All
Hardware	Siemens	Simatic ipc677e	-	All	All	All
Operating System	Siemens	Simatic ipc677e Firmware	All	All	All	All
Hardware	Siemens	Simatic ipc847e	-	All	All	All
Operating System	Siemens	Simatic ipc847e Firmware	All	All	All	All

References

Reference	Source	Link	Tags
cert-portal.siemens.com/productcert/pdf/ssa-309571.pdf	CONFIRM	cert-portal.siemens.com	
Intel SA-00459 CSME Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
INTEL-SA-00459	MISC	www.intel.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analy

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

590761 Siemens Industrial Products Intel CPUs (Update B) Multiple Vulnerabilities (ICSA-21-222-05)

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