



CVE-2020-0528

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

Summary

CVE	CVE-2020-0528
State	PUBLIC
Assigner	secure@intel.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-15 14:15:00 UTC
Updated	2021-07-21 11:39:00 UTC
Description	Improper buffer restrictions in BIOS firmware for 7th, 8th, 9th and 10th Generation Intel(R) Core(TM) Processor families ma

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Intel	Core I5-7200u	-	All	All	All
Hardware	Intel	Core I5-7200u	-	All	All	All
Operating System	Intel	Core I5-7200u Firmware	-	All	All	All
Operating System	Intel	Core I5-7200u Firmware	-	All	All	All
Hardware	Intel	Core I5-7260u	-	All	All	All
Hardware	Intel	Core I5-7260u	-	All	All	All
Operating System	Intel	Core I5-7260u Firmware	-	All	All	All
Operating System	Intel	Core I5-7260u Firmware	-	All	All	All
Hardware	Intel	Core I5-7267u	-	All	All	All
Hardware	Intel	Core I5-7267u	-	All	All	All
Operating System	Intel	Core I5-7267u Firmware	-	All	All	All
Operating System	Intel	Core I5-7267u Firmware	-	All	All	All
Hardware	Intel	Core I5-7287u	-	All	All	All
Hardware	Intel	Core I5-7287u	-	All	All	All
Operating System	Intel	Core I5-7287u Firmware	-	All	All	All
Operating System	Intel	Core I5-7287u Firmware	-	All	All	All
Hardware	Intel	Core I5-7300hq	-	All	All	All

Hardware	Intel	Core I5-7300hq	-	All	All	All
Operating System	Intel	Core I5-7300hq Firmware	-	All	All	All
Operating System	Intel	Core I5-7300hq Firmware	-	All	All	All
Hardware	Intel	Core I5-7300u	-	All	All	All
Hardware	Intel	Core I5-7300u	-	All	All	All
Operating System	Intel	Core I5-7300u Firmware	-	All	All	All
Operating System	Intel	Core I5-7300u Firmware	-	All	All	All
Hardware	Intel	Core I5-7360u	-	All	All	All
Hardware	Intel	Core I5-7360u	-	All	All	All
Operating System	Intel	Core I5-7360u Firmware	-	All	All	All
Operating System	Intel	Core I5-7360u Firmware	-	All	All	All
Hardware	Intel	Core I5-7400	-	All	All	All
Hardware	Intel	Core I5-7400	-	All	All	All
Hardware	Intel	Core I5-7400t	-	All	All	All
Hardware	Intel	Core I5-7400t	-	All	All	All
Operating System	Intel	Core I5-7400t Firmware	-	All	All	All
Operating System	Intel	Core I5-7400t Firmware	-	All	All	All
Operating System	Intel	Core I5-7400 Firmware	-	All	All	All
Operating System	Intel	Core I5-7400 Firmware	-	All	All	All
Hardware	Intel	Core I5-7440eq	-	All	All	All
Hardware	Intel	Core I5-7440eq	-	All	All	All
Operating System	Intel	Core I5-7440eq Firmware	-	All	All	All
Operating System	Intel	Core I5-7440eq Firmware	-	All	All	All
Hardware	Intel	Core I5-7440hq	-	All	All	All
Hardware	Intel	Core I5-7440hq	-	All	All	All
Operating System	Intel	Core I5-7440hq Firmware	-	All	All	All
Operating System	Intel	Core I5-7440hq Firmware	-	All	All	All
Hardware	Intel	Core I5-7442eq	-	All	All	All
Hardware	Intel	Core I5-7442eq	-	All	All	All
Operating System	Intel	Core I5-7442eq Firmware	-	All	All	All
Operating System	Intel	Core I5-7442eq Firmware	-	All	All	All
Hardware	Intel	Core I5-7500	-	All	All	All
Hardware	Intel	Core I5-7500	-	All	All	All
Hardware	Intel	Core I5-7500t	-	All	All	All
Hardware	Intel	Core I5-7500t	-	All	All	All

Operating System	Intel	Core I5-7500t Firmware	-	All	All	All
Operating System	Intel	Core I5-7500t Firmware	-	All	All	All
Operating System	Intel	Core I5-7500 Firmware	-	All	All	All
Operating System	Intel	Core I5-7500 Firmware	-	All	All	All
Hardware	Intel	Core I5-7600	-	All	All	All
Hardware	Intel	Core I5-7600	-	All	All	All
Hardware	Intel	Core I5-7600k	-	All	All	All
Hardware	Intel	Core I5-7600k	-	All	All	All
Operating System	Intel	Core I5-7600k Firmware	-	All	All	All
Operating System	Intel	Core I5-7600k Firmware	-	All	All	All
Hardware	Intel	Core I5-7600t	-	All	All	All
Hardware	Intel	Core I5-7600t	-	All	All	All
Operating System	Intel	Core I5-7600t Firmware	-	All	All	All
Operating System	Intel	Core I5-7600t Firmware	-	All	All	All
Operating System	Intel	Core I5-7600 Firmware	-	All	All	All
Operating System	Intel	Core I5-7600 Firmware	-	All	All	All
Hardware	Intel	Core I5-7y54	-	All	All	All
Hardware	Intel	Core I5-7y54	-	All	All	All
Operating System	Intel	Core I5-7y54 Firmware	-	All	All	All
Operating System	Intel	Core I5-7y54 Firmware	-	All	All	All
Hardware	Intel	Core I5-7y57	-	All	All	All
Hardware	Intel	Core I5-7y57	-	All	All	All
Operating System	Intel	Core I5-7y57 Firmware	-	All	All	All
Operating System	Intel	Core I5-7y57 Firmware	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All
Operating System	Intel	Core I7-10510u Firmware	-	All	All	All
Operating System	Intel	Core I7-10510u Firmware	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Operating System	Intel	Core I7-10510y Firmware	-	All	All	All
Operating System	Intel	Core I7-10510y Firmware	-	All	All	All
Hardware	Intel	Core I7-1060g7	-	All	All	All
Hardware	Intel	Core I7-1060g7	-	All	All	All
Operating System	Intel	Core I7-1060g7 Firmware	-	All	All	All
Operating System	Intel	Core I7-1060g7 Firmware	-	All	All	All

Operating System	Intel	Core I7-1060g7 Firmware	-	All	All	All
Hardware	Intel	Core I7-10610u	-	All	All	All
Hardware	Intel	Core I7-10610u	-	All	All	All
Operating System	Intel	Core I7-10610u Firmware	-	All	All	All
Operating System	Intel	Core I7-10610u Firmware	-	All	All	All
Hardware	Intel	Core I7-1065g7	-	All	All	All
Hardware	Intel	Core I7-1065g7	-	All	All	All
Operating System	Intel	Core I7-1065g7 Firmware	-	All	All	All
Operating System	Intel	Core I7-1065g7 Firmware	-	All	All	All
Hardware	Intel	Core I7-1068ng7	-	All	All	All
Hardware	Intel	Core I7-1068ng7	-	All	All	All
Operating System	Intel	Core I7-1068ng7 Firmware	-	All	All	All
Operating System	Intel	Core I7-1068ng7 Firmware	-	All	All	All
Hardware	Intel	Core I7-10700	-	All	All	All
Hardware	Intel	Core I7-10700	-	All	All	All
Hardware	Intel	Core I7-10700e	-	All	All	All
Hardware	Intel	Core I7-10700e	-	All	All	All
Operating System	Intel	Core I7-10700e Firmware	-	All	All	All
Operating System	Intel	Core I7-10700e Firmware	-	All	All	All
Hardware	Intel	Core I7-10700f	-	All	All	All
Hardware	Intel	Core I7-10700f	-	All	All	All
Operating System	Intel	Core I7-10700f Firmware	-	All	All	All
Operating System	Intel	Core I7-10700f Firmware	-	All	All	All
Hardware	Intel	Core I7-10700k	-	All	All	All
Hardware	Intel	Core I7-10700k	-	All	All	All
Hardware	Intel	Core I7-10700kf	-	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 I7-10700kf Firmware	-	All	All	All
Operating System	Intel	Core I7-10700k 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 I7-10700t	-	All	All	All
Hardware	Intel	Core I7-10700te	-	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 I7-10700te Firmware	-	All	All	All
Operating System	Intel	Core I7-10700t Firmware	-	All	All	All
Operating System	Intel	Core I7-10700t Firmware	-	All	All	All
Operating System	Intel	Core I7-10700 Firmware	-	All	All	All
Operating System	Intel	Core I7-10700 Firmware	-	All	All	All
Hardware	Intel	Core I7-10710u	-	All	All	All
Hardware	Intel	Core I7-10710u	-	All	All	All
Operating System	Intel	Core I7-10710u Firmware	-	All	All	All
Operating System	Intel	Core I7-10710u Firmware	-	All	All	All
Hardware	Intel	Core I7-10750h	-	All	All	All
Hardware	Intel	Core I7-10750h	-	All	All	All
Operating System	Intel	Core I7-10750h Firmware	-	All	All	All
Operating System	Intel	Core I7-10750h Firmware	-	All	All	All
Hardware	Intel	Core I7-10810u	-	All	All	All
Hardware	Intel	Core I7-10810u	-	All	All	All
Operating System	Intel	Core I7-10810u Firmware	-	All	All	All
Operating System	Intel	Core I7-10810u Firmware	-	All	All	All
Hardware	Intel	Core I7-10850h	-	All	All	All
Hardware	Intel	Core I7-10850h	-	All	All	All
Operating System	Intel	Core I7-10850h Firmware	-	All	All	All
Operating System	Intel	Core I7-10850h Firmware	-	All	All	All
Hardware	Intel	Core I7-10875h	-	All	All	All
Hardware	Intel	Core I7-10875h	-	All	All	All
Operating System	Intel	Core I7-10875h Firmware	-	All	All	All
Operating System	Intel	Core I7-10875h Firmware	-	All	All	All
Hardware	Intel	Core I7-7500u	-	All	All	All
Hardware	Intel	Core I7-7500u	-	All	All	All
Operating System	Intel	Core I7-7500u Firmware	-	All	All	All
Operating System	Intel	Core I7-7500u Firmware	-	All	All	All
Hardware	Intel	Core I7-7560u	-	All	All	All
Hardware	Intel	Core I7-7560u	-	All	All	All
Operating System	Intel	Core I7-7560u Firmware	-	All	All	All
Operating System	Intel	Core I7-7560u Firmware	-	All	All	All
Hardware	Intel	Core I7-7567u	-	All	All	All
Hardware	Intel	Core I7-7567u	-	All	All	All

Operating System	Intel	Core I7-7567u Firmware	-	All	All	All
Operating System	Intel	Core I7-7567u Firmware	-	All	All	All
Hardware	Intel	Core I7-7600u	-	All	All	All
Hardware	Intel	Core I7-7600u	-	All	All	All
Operating System	Intel	Core I7-7600u Firmware	-	All	All	All
Operating System	Intel	Core I7-7600u Firmware	-	All	All	All
Hardware	Intel	Core I7-7660u	-	All	All	All
Hardware	Intel	Core I7-7660u	-	All	All	All
Operating System	Intel	Core I7-7660u Firmware	-	All	All	All
Operating System	Intel	Core I7-7660u Firmware	-	All	All	All
Hardware	Intel	Core I7-7700	-	All	All	All
Hardware	Intel	Core I7-7700	-	All	All	All
Hardware	Intel	Core I7-7700hq	-	All	All	All
Hardware	Intel	Core I7-7700hq	-	All	All	All
Operating System	Intel	Core I7-7700hq Firmware	-	All	All	All
Operating System	Intel	Core I7-7700hq Firmware	-	All	All	All
Hardware	Intel	Core I7-7700k	-	All	All	All
Hardware	Intel	Core I7-7700k	-	All	All	All
Operating System	Intel	Core I7-7700k Firmware	-	All	All	All
Operating System	Intel	Core I7-7700k Firmware	-	All	All	All
Hardware	Intel	Core I7-7700t	-	All	All	All
Hardware	Intel	Core I7-7700t	-	All	All	All
Operating System	Intel	Core I7-7700t Firmware	-	All	All	All
Operating System	Intel	Core I7-7700t Firmware	-	All	All	All
Operating System	Intel	Core I7-7700 Firmware	-	All	All	All
Operating System	Intel	Core I7-7700 Firmware	-	All	All	All
Hardware	Intel	Core I7-7820eq	-	All	All	All
Hardware	Intel	Core I7-7820eq	-	All	All	All
Operating System	Intel	Core I7-7820eq Firmware	-	All	All	All
Operating System	Intel	Core I7-7820eq Firmware	-	All	All	All
Hardware	Intel	Core I7-7820hk	-	All	All	All
Hardware	Intel	Core I7-7820hk	-	All	All	All
Operating System	Intel	Core I7-7820hk Firmware	-	All	All	All
Operating System	Intel	Core I7-7820hk Firmware	-	All	All	All
Hardware	Intel	Core I7-7820hq	-	All	All	All
Hardware	Intel	Core I7-7820hq	-	All	All	All

Hardware	Intel	Core i7-7820hq	-	All	All	All
Operating System	Intel	Core i7-7820hq Firmware	-	All	All	All
Operating System	Intel	Core i7-7820hq Firmware	-	All	All	All
Hardware	Intel	Core i7-7920hq	-	All	All	All
Hardware	Intel	Core i7-7920hq	-	All	All	All
Operating System	Intel	Core i7-7920hq Firmware	-	All	All	All
Operating System	Intel	Core i7-7920hq Firmware	-	All	All	All
Hardware	Intel	Core i7-7y75	-	All	All	All
Hardware	Intel	Core i7-7y75	-	All	All	All
Operating System	Intel	Core i7-7y75 Firmware	-	All	All	All
Operating System	Intel	Core i7-7y75 Firmware	-	All	All	All
Hardware	Intel	Core i7-8086k	-	All	All	All
Hardware	Intel	Core i7-8086k	-	All	All	All
Operating System	Intel	Core i7-8086k Firmware	-	All	All	All
Operating System	Intel	Core i7-8086k Firmware	-	All	All	All
Hardware	Intel	Core i7-8500y	-	All	All	All
Hardware	Intel	Core i7-8500y	-	All	All	All
Operating System	Intel	Core i7-8500y Firmware	-	All	All	All
Operating System	Intel	Core i7-8500y Firmware	-	All	All	All
Hardware	Intel	Core i7-8550u	-	All	All	All
Hardware	Intel	Core i7-8550u	-	All	All	All
Operating System	Intel	Core i7-8550u Firmware	-	All	All	All
Operating System	Intel	Core i7-8550u Firmware	-	All	All	All
Hardware	Intel	Core i7-8557u	-	All	All	All
Hardware	Intel	Core i7-8557u	-	All	All	All
Operating System	Intel	Core i7-8557u Firmware	-	All	All	All
Operating System	Intel	Core i7-8557u Firmware	-	All	All	All
Hardware	Intel	Core i7-8559u	-	All	All	All
Hardware	Intel	Core i7-8559u	-	All	All	All
Operating System	Intel	Core i7-8559u Firmware	-	All	All	All
Operating System	Intel	Core i7-8559u Firmware	-	All	All	All
Hardware	Intel	Core i7-8565u	-	All	All	All
Hardware	Intel	Core i7-8565u	-	All	All	All
Operating System	Intel	Core i7-8565u Firmware	-	All	All	All
Operating System	Intel	Core i7-8565u Firmware	-	All	All	All
Hardware	Intel	Core i7-8569u	-	All	All	All

Hardware	Intel	Core I7-8569u	-	All	All	All
Operating System	Intel	Core I7-8569u Firmware	-	All	All	All
Operating System	Intel	Core I7-8569u Firmware	-	All	All	All
Hardware	Intel	Core I7-8650u	-	All	All	All
Hardware	Intel	Core I7-8650u	-	All	All	All
Operating System	Intel	Core I7-8650u Firmware	-	All	All	All
Operating System	Intel	Core I7-8650u Firmware	-	All	All	All
Hardware	Intel	Core I7-8665u	-	All	All	All
Hardware	Intel	Core I7-8665u	-	All	All	All
Hardware	Intel	Core I7-8665ue	-	All	All	All
Hardware	Intel	Core I7-8665ue	-	All	All	All
Operating System	Intel	Core I7-8665ue Firmware	-	All	All	All
Operating System	Intel	Core I7-8665ue Firmware	-	All	All	All
Operating System	Intel	Core I7-8665u Firmware	-	All	All	All
Operating System	Intel	Core I7-8665u Firmware	-	All	All	All
Hardware	Intel	Core I7-8700	-	All	All	All
Hardware	Intel	Core I7-8700	-	All	All	All
Hardware	Intel	Core I7-8700b	-	All	All	All
Hardware	Intel	Core I7-8700b	-	All	All	All
Operating System	Intel	Core I7-8700b Firmware	-	All	All	All
Operating System	Intel	Core I7-8700b Firmware	-	All	All	All
Hardware	Intel	Core I7-8700k	-	All	All	All
Hardware	Intel	Core I7-8700k	-	All	All	All
Operating System	Intel	Core I7-8700k Firmware	-	All	All	All
Operating System	Intel	Core I7-8700k Firmware	-	All	All	All
Hardware	Intel	Core I7-8700t	-	All	All	All
Hardware	Intel	Core I7-8700t	-	All	All	All
Operating System	Intel	Core I7-8700t Firmware	-	All	All	All
Operating System	Intel	Core I7-8700t Firmware	-	All	All	All
Operating System	Intel	Core I7-8700 Firmware	-	All	All	All
Operating System	Intel	Core I7-8700 Firmware	-	All	All	All
Hardware	Intel	Core I7-8705g	-	All	All	All
Hardware	Intel	Core I7-8705g	-	All	All	All
Operating System	Intel	Core I7-8705g Firmware	-	All	All	All
Operating System	Intel	Core I7-8705g Firmware	-	All	All	All

Hardware	Intel	Core i7-8706g	-	All	All	All
Hardware	Intel	Core i7-8706g	-	All	All	All
Operating System	Intel	Core i7-8706g Firmware	-	All	All	All
Operating System	Intel	Core i7-8706g Firmware	-	All	All	All
Hardware	Intel	Core i7-8709g	-	All	All	All
Hardware	Intel	Core i7-8709g	-	All	All	All
Operating System	Intel	Core i7-8709g Firmware	-	All	All	All
Operating System	Intel	Core i7-8709g Firmware	-	All	All	All
Hardware	Intel	Core i7-8750h	-	All	All	All
Hardware	Intel	Core i7-8750h	-	All	All	All
Operating System	Intel	Core i7-8750h Firmware	-	All	All	All
Operating System	Intel	Core i7-8750h Firmware	-	All	All	All
Hardware	Intel	Core i7-8809g	-	All	All	All
Hardware	Intel	Core i7-8809g	-	All	All	All
Operating System	Intel	Core i7-8809g Firmware	-	All	All	All
Operating System	Intel	Core i7-8809g Firmware	-	All	All	All
Hardware	Intel	Core i7-8850h	-	All	All	All
Hardware	Intel	Core i7-8850h	-	All	All	All
Operating System	Intel	Core i7-8850h Firmware	-	All	All	All
Operating System	Intel	Core i7-8850h Firmware	-	All	All	All
Hardware	Intel	Core i7 8700	-	All	All	All
Hardware	Intel	Core i7 8700	-	All	All	All
Operating System	Intel	Core i7 8700 Firmware	-	All	All	All
Operating System	Intel	Core i7 8700 Firmware	-	All	All	All
Hardware	Intel	Core i9-9880h	-	All	All	All
Hardware	Intel	Core i9-9880h	-	All	All	All
Operating System	Intel	Core i9-9880h Firmware	-	All	All	All
Operating System	Intel	Core i9-9880h Firmware	-	All	All	All
Hardware	Intel	Core i9-9900	-	All	All	All
Hardware	Intel	Core i9-9900	-	All	All	All
Hardware	Intel	Core i9-9900k	-	All	All	All
Hardware	Intel	Core i9-9900k	-	All	All	All
Hardware	Intel	Core i9-9900kf	-	All	All	All
Hardware	Intel	Core i9-9900kf	-	All	All	All
Operating System	Intel	Core i9-9900kf Firmware	-	All	All	All
Operating System	Intel	Core i9-9900kf Firmware	-	All	All	All

Operating System	Intel	Core I9-9900k Firmware	-	All	All	All
Hardware	Intel	Core I9-9900ks	-	All	All	All
Hardware	Intel	Core I9-9900ks	-	All	All	All
Operating System	Intel	Core I9-9900ks Firmware	-	All	All	All
Operating System	Intel	Core I9-9900ks Firmware	-	All	All	All
Operating System	Intel	Core I9-9900k Firmware	-	All	All	All
Operating System	Intel	Core I9-9900k Firmware	-	All	All	All
Hardware	Intel	Core I9-9900t	-	All	All	All
Hardware	Intel	Core I9-9900t	-	All	All	All
Operating System	Intel	Core I9-9900t Firmware	-	All	All	All
Operating System	Intel	Core I9-9900t Firmware	-	All	All	All
Operating System	Intel	Core I9-9900 Firmware	-	All	All	All
Operating System	Intel	Core I9-9900 Firmware	-	All	All	All
Hardware	Intel	Core I9-9980hk	-	All	All	All
Hardware	Intel	Core I9-9980hk	-	All	All	All
Operating System	Intel	Core I9-9980hk Firmware	-	All	All	All
Operating System	Intel	Core I9-9980hk Firmware	-	All	All	All

References			
Reference	Source	Link	Tags
INTEL-SA-00322	MISC	www.intel.com	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.

There are currently no legacy QID mappings associated with this CVE.