



# CVE-2020-8696

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-8696
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@intel.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-11-12 18:15:00 UTC
<b>Updated</b>	2023-11-07 03:26:00 UTC
<b>Description</b>	Improper removal of sensitive information before storage or transfer in some Intel(R) Processors may allow an authenticate

## Risk And Classification

**Problem Types:** CWE-212

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3855u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3855u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3865u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3865u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3955u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3955u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3965u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3965u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3965y</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 3965y</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 5305u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron 5305u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Celeron G3900</a>	-	All	All	All

Hardware	Intel	Celeron G3900	-	All	All	All
Hardware	Intel	Celeron G3900t	-	All	All	All
Hardware	Intel	Celeron G3900t	-	All	All	All
Hardware	Intel	Celeron G3900te	-	All	All	All
Hardware	Intel	Celeron G3900te	-	All	All	All
Hardware	Intel	Celeron G3902e	-	All	All	All
Hardware	Intel	Celeron G3902e	-	All	All	All
Hardware	Intel	Celeron G3920	-	All	All	All
Hardware	Intel	Celeron G3920	-	All	All	All
Hardware	Intel	Celeron G3920t	-	All	All	All
Hardware	Intel	Celeron G3920t	-	All	All	All
Hardware	Intel	Celeron G3930e	-	All	All	All
Hardware	Intel	Celeron G3930e	-	All	All	All
Hardware	Intel	Celeron G3930te	-	All	All	All
Hardware	Intel	Celeron G3930te	-	All	All	All
Hardware	Intel	Celeron G3940	-	All	All	All
Hardware	Intel	Celeron G3940	-	All	All	All
Hardware	Intel	Celeron G4900	-	All	All	All
Hardware	Intel	Celeron G4900	-	All	All	All
Hardware	Intel	Celeron G4900t	-	All	All	All
Hardware	Intel	Celeron G4900t	-	All	All	All
Hardware	Intel	Celeron G4920	-	All	All	All
Hardware	Intel	Celeron G4920	-	All	All	All
Hardware	Intel	Celeron G5205u	-	All	All	All
Hardware	Intel	Celeron G5205u	-	All	All	All
Hardware	Intel	Celeron G5305u	-	All	All	All
Hardware	Intel	Celeron G5305u	-	All	All	All
Hardware	Intel	Core 4205u	-	All	All	All
Hardware	Intel	Core 4205u	-	All	All	All
Hardware	Intel	Core 5405u	-	All	All	All
Hardware	Intel	Core 5405u	-	All	All	All
Hardware	Intel	Core 8269u	-	All	All	All
Hardware	Intel	Core 8269u	-	All	All	All
Hardware	Intel	Core I3-10100te	-	All	All	All
Hardware	Intel	Core I3-10100te	-	All	All	All

Hardware	Intel	Core I3-10110u	-	All	All	All
Hardware	Intel	Core I3-10110u	-	All	All	All
Hardware	Intel	Core I3-6100	-	All	All	All
Hardware	Intel	Core I3-6100	-	All	All	All
Hardware	Intel	Core I3-6100e	-	All	All	All
Hardware	Intel	Core I3-6100e	-	All	All	All
Hardware	Intel	Core I3-6100h	-	All	All	All
Hardware	Intel	Core I3-6100h	-	All	All	All
Hardware	Intel	Core I3-6100t	-	All	All	All
Hardware	Intel	Core I3-6100t	-	All	All	All
Hardware	Intel	Core I3-6100te	-	All	All	All
Hardware	Intel	Core I3-6100te	-	All	All	All
Hardware	Intel	Core I3-6100u	-	All	All	All
Hardware	Intel	Core I3-6100u	-	All	All	All
Hardware	Intel	Core I3-6102e	-	All	All	All
Hardware	Intel	Core I3-6102e	-	All	All	All
Hardware	Intel	Core I3-6110u	-	All	All	All
Hardware	Intel	Core I3-6110u	-	All	All	All
Hardware	Intel	Core I3-6120	-	All	All	All
Hardware	Intel	Core I3-6120	-	All	All	All
Hardware	Intel	Core I3-6120t	-	All	All	All
Hardware	Intel	Core I3-6120t	-	All	All	All
Hardware	Intel	Core I3-6167u	-	All	All	All
Hardware	Intel	Core I3-6167u	-	All	All	All
Hardware	Intel	Core I3-6300	-	All	All	All
Hardware	Intel	Core I3-6300	-	All	All	All
Hardware	Intel	Core I3-6300t	-	All	All	All
Hardware	Intel	Core I3-6300t	-	All	All	All
Hardware	Intel	Core I3-6320	-	All	All	All
Hardware	Intel	Core I3-6320	-	All	All	All
Hardware	Intel	Core I3-6320t	-	All	All	All
Hardware	Intel	Core I3-6320t	-	All	All	All
Hardware	Intel	Core I3-7007u	-	All	All	All
Hardware	Intel	Core I3-7007u	-	All	All	All
Hardware	Intel	Core I3-7020u	-	All	All	All
Hardware	Intel	Core I3-7020u	-	All	All	All

Hardware	Intel	Core I3-7020u	-	All	All	All
Hardware	Intel	Core I3-7100e	-	All	All	All
Hardware	Intel	Core I3-7100e	-	All	All	All
Hardware	Intel	Core I3-7100h	-	All	All	All
Hardware	Intel	Core I3-7100h	-	All	All	All
Hardware	Intel	Core I3-7100u	-	All	All	All
Hardware	Intel	Core I3-7100u	-	All	All	All
Hardware	Intel	Core I3-7101e	-	All	All	All
Hardware	Intel	Core I3-7101e	-	All	All	All
Hardware	Intel	Core I3-7101te	-	All	All	All
Hardware	Intel	Core I3-7101te	-	All	All	All
Hardware	Intel	Core I3-7102e	-	All	All	All
Hardware	Intel	Core I3-7102e	-	All	All	All
Hardware	Intel	Core I3-7110u	-	All	All	All
Hardware	Intel	Core I3-7110u	-	All	All	All
Hardware	Intel	Core I3-7120	-	All	All	All
Hardware	Intel	Core I3-7120	-	All	All	All
Hardware	Intel	Core I3-7120t	-	All	All	All
Hardware	Intel	Core I3-7120t	-	All	All	All
Hardware	Intel	Core I3-7130u	-	All	All	All
Hardware	Intel	Core I3-7130u	-	All	All	All
Hardware	Intel	Core I3-7167u	-	All	All	All
Hardware	Intel	Core I3-7167u	-	All	All	All
Hardware	Intel	Core I3-7320t	-	All	All	All
Hardware	Intel	Core I3-7320t	-	All	All	All
Hardware	Intel	Core I3-7340	-	All	All	All
Hardware	Intel	Core I3-7340	-	All	All	All
Hardware	Intel	Core I3-8000	-	All	All	All
Hardware	Intel	Core I3-8000	-	All	All	All
Hardware	Intel	Core I3-8000t	-	All	All	All
Hardware	Intel	Core I3-8000t	-	All	All	All
Hardware	Intel	Core I3-8020	-	All	All	All
Hardware	Intel	Core I3-8020	-	All	All	All
Hardware	Intel	Core I3-8100	-	All	All	All
Hardware	Intel	Core I3-8100	-	All	All	All
Hardware	Intel	Core I3-8100h	-	All	All	All

Hardware	Intel	Core I3-8100h	-	All	All	All
Hardware	Intel	Core I3-8100t	-	All	All	All
Hardware	Intel	Core I3-8100t	-	All	All	All
Hardware	Intel	Core I3-8109u	-	All	All	All
Hardware	Intel	Core I3-8109u	-	All	All	All
Hardware	Intel	Core I3-8120	-	All	All	All
Hardware	Intel	Core I3-8120	-	All	All	All
Hardware	Intel	Core I3-8130u	-	All	All	All
Hardware	Intel	Core I3-8130u	-	All	All	All
Hardware	Intel	Core I3-8145u	-	All	All	All
Hardware	Intel	Core I3-8145u	-	All	All	All
Hardware	Intel	Core I3-8300	-	All	All	All
Hardware	Intel	Core I3-8300	-	All	All	All
Hardware	Intel	Core I3-8300t	-	All	All	All
Hardware	Intel	Core I3-8300t	-	All	All	All
Hardware	Intel	Core I3-8350k	-	All	All	All
Hardware	Intel	Core I3-8350k	-	All	All	All
Hardware	Intel	Core I5-10110y	-	All	All	All
Hardware	Intel	Core I5-10110y	-	All	All	All
Hardware	Intel	Core I5-10210u	-	All	All	All
Hardware	Intel	Core I5-10210u	-	All	All	All
Hardware	Intel	Core I5-10210y	-	All	All	All
Hardware	Intel	Core I5-10210y	-	All	All	All
Hardware	Intel	Core I5-10310y	-	All	All	All
Hardware	Intel	Core I5-10310y	-	All	All	All
Hardware	Intel	Core I5-10400h	-	All	All	All
Hardware	Intel	Core I5-10400h	-	All	All	All
Hardware	Intel	Core I5-6200u	-	All	All	All
Hardware	Intel	Core I5-6200u	-	All	All	All
Hardware	Intel	Core I5-6210u	-	All	All	All
Hardware	Intel	Core I5-6210u	-	All	All	All
Hardware	Intel	Core I5-6260u	-	All	All	All
Hardware	Intel	Core I5-6260u	-	All	All	All
Hardware	Intel	Core I5-6267u	-	All	All	All
Hardware	Intel	Core I5-6267u	-	All	All	All

Hardware	Intel	Core I5-6287u	-	All	All	All
Hardware	Intel	Core I5-6287u	-	All	All	All
Hardware	Intel	Core I5-6300hq	-	All	All	All
Hardware	Intel	Core I5-6300hq	-	All	All	All
Hardware	Intel	Core I5-6300u	-	All	All	All
Hardware	Intel	Core I5-6300u	-	All	All	All
Hardware	Intel	Core I5-6310u	-	All	All	All
Hardware	Intel	Core I5-6310u	-	All	All	All
Hardware	Intel	Core I5-6350hq	-	All	All	All
Hardware	Intel	Core I5-6350hq	-	All	All	All
Hardware	Intel	Core I5-6360u	-	All	All	All
Hardware	Intel	Core I5-6360u	-	All	All	All
Hardware	Intel	Core I5-6400	-	All	All	All
Hardware	Intel	Core I5-6400	-	All	All	All
Hardware	Intel	Core I5-6400t	-	All	All	All
Hardware	Intel	Core I5-6400t	-	All	All	All
Hardware	Intel	Core I5-6440eq	-	All	All	All
Hardware	Intel	Core I5-6440eq	-	All	All	All
Hardware	Intel	Core I5-6440hq	-	All	All	All
Hardware	Intel	Core I5-6440hq	-	All	All	All
Hardware	Intel	Core I5-6442eq	-	All	All	All
Hardware	Intel	Core I5-6442eq	-	All	All	All
Hardware	Intel	Core I5-6500	-	All	All	All
Hardware	Intel	Core I5-6500	-	All	All	All
Hardware	Intel	Core I5-6500t	-	All	All	All
Hardware	Intel	Core I5-6500t	-	All	All	All
Hardware	Intel	Core I5-6500te	-	All	All	All
Hardware	Intel	Core I5-6500te	-	All	All	All
Hardware	Intel	Core I5-6600	-	All	All	All
Hardware	Intel	Core I5-6600	-	All	All	All
Hardware	Intel	Core I5-6600k	-	All	All	All
Hardware	Intel	Core I5-6600k	-	All	All	All
Hardware	Intel	Core I5-6600t	-	All	All	All
Hardware	Intel	Core I5-6600t	-	All	All	All
Hardware	Intel	Core I5-7200u	-	All	All	All
Hardware	Intel	Core I5-7200u	-	All	All	All

Hardware	<a href="#">intel</a>	<a href="#">Core i5-7200u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7210u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7210u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7260u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7260u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7267u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7267u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7287u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7287u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7300hq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7300hq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7300u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7300u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7360u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7360u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7400</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7400</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7400t</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7400t</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7440eq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7440eq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7440hq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7440hq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7442eq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7442eq</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7500</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7500</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7500t</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7500t</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7500u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7500u</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7600</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7600</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7600k</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7600k</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core i5-7600t</a>	-	All	All	All

Hardware	Intel	Core I5-7600t	-	All	All	All
Hardware	Intel	Core I5-7640x	-	All	All	All
Hardware	Intel	Core I5-7640x	-	All	All	All
Hardware	Intel	Core I5-7y54	-	All	All	All
Hardware	Intel	Core I5-7y54	-	All	All	All
Hardware	Intel	Core I5-7y57	-	All	All	All
Hardware	Intel	Core I5-7y57	-	All	All	All
Hardware	Intel	Core I5-8200y	-	All	All	All
Hardware	Intel	Core I5-8200y	-	All	All	All
Hardware	Intel	Core I5-8210y	-	All	All	All
Hardware	Intel	Core I5-8210y	-	All	All	All
Hardware	Intel	Core I5-8250u	-	All	All	All
Hardware	Intel	Core I5-8250u	-	All	All	All
Hardware	Intel	Core I5-8259u	-	All	All	All
Hardware	Intel	Core I5-8259u	-	All	All	All
Hardware	Intel	Core I5-8265u	-	All	All	All
Hardware	Intel	Core I5-8265u	-	All	All	All
Hardware	Intel	Core I5-8300h	-	All	All	All
Hardware	Intel	Core I5-8300h	-	All	All	All
Hardware	Intel	Core I5-8305g	-	All	All	All
Hardware	Intel	Core I5-8305g	-	All	All	All
Hardware	Intel	Core I5-8310y	-	All	All	All
Hardware	Intel	Core I5-8310y	-	All	All	All
Hardware	Intel	Core I5-8350u	-	All	All	All
Hardware	Intel	Core I5-8350u	-	All	All	All
Hardware	Intel	Core I5-8365u	-	All	All	All
Hardware	Intel	Core I5-8365u	-	All	All	All
Hardware	Intel	Core I5-8400	-	All	All	All
Hardware	Intel	Core I5-8400	-	All	All	All
Hardware	Intel	Core I5-8400b	-	All	All	All
Hardware	Intel	Core I5-8400b	-	All	All	All
Hardware	Intel	Core I5-8400h	-	All	All	All
Hardware	Intel	Core I5-8400h	-	All	All	All
Hardware	Intel	Core I5-8400t	-	All	All	All
Hardware	Intel	Core I5-8400t	-	All	All	All

Hardware	Intel	Core I5-8420	-	All	All	All
Hardware	Intel	Core I5-8420	-	All	All	All
Hardware	Intel	Core I5-8420t	-	All	All	All
Hardware	Intel	Core I5-8420t	-	All	All	All
Hardware	Intel	Core I5-8500	-	All	All	All
Hardware	Intel	Core I5-8500	-	All	All	All
Hardware	Intel	Core I5-8500b	-	All	All	All
Hardware	Intel	Core I5-8500b	-	All	All	All
Hardware	Intel	Core I5-8500t	-	All	All	All
Hardware	Intel	Core I5-8500t	-	All	All	All
Hardware	Intel	Core I5-8550	-	All	All	All
Hardware	Intel	Core I5-8550	-	All	All	All
Hardware	Intel	Core I5-8600	-	All	All	All
Hardware	Intel	Core I5-8600	-	All	All	All
Hardware	Intel	Core I5-8600k	-	All	All	All
Hardware	Intel	Core I5-8600k	-	All	All	All
Hardware	Intel	Core I5-8600t	-	All	All	All
Hardware	Intel	Core I5-8600t	-	All	All	All
Hardware	Intel	Core I5-8650	-	All	All	All
Hardware	Intel	Core I5-8650	-	All	All	All
Hardware	Intel	Core I5-8650k	-	All	All	All
Hardware	Intel	Core I5-8650k	-	All	All	All
Hardware	Intel	Core I5-9300h	-	All	All	All
Hardware	Intel	Core I5-9300h	-	All	All	All
Hardware	Intel	Core I5-9400	-	All	All	All
Hardware	Intel	Core I5-9400	-	All	All	All
Hardware	Intel	Core I5-9400f	-	All	All	All
Hardware	Intel	Core I5-9400f	-	All	All	All
Hardware	Intel	Core I5-9400h	-	All	All	All
Hardware	Intel	Core I5-9400h	-	All	All	All
Hardware	Intel	Core I5-9600k	-	All	All	All
Hardware	Intel	Core I5-9600k	-	All	All	All
Hardware	Intel	Core I5-9600kf	-	All	All	All
Hardware	Intel	Core I5-9600kf	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All

Hardware	Intel	Core I7-10510u	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Hardware	Intel	Core I7-10610u	-	All	All	All
Hardware	Intel	Core I7-10610u	-	All	All	All
Hardware	Intel	Core I7-6500u	-	All	All	All
Hardware	Intel	Core I7-6500u	-	All	All	All
Hardware	Intel	Core I7-6510u	-	All	All	All
Hardware	Intel	Core I7-6510u	-	All	All	All
Hardware	Intel	Core I7-6560u	-	All	All	All
Hardware	Intel	Core I7-6560u	-	All	All	All
Hardware	Intel	Core I7-6567u	-	All	All	All
Hardware	Intel	Core I7-6567u	-	All	All	All
Hardware	Intel	Core I7-6600u	-	All	All	All
Hardware	Intel	Core I7-6600u	-	All	All	All
Hardware	Intel	Core I7-6650u	-	All	All	All
Hardware	Intel	Core I7-6650u	-	All	All	All
Hardware	Intel	Core I7-6660u	-	All	All	All
Hardware	Intel	Core I7-6660u	-	All	All	All
Hardware	Intel	Core I7-6700	-	All	All	All
Hardware	Intel	Core I7-6700	-	All	All	All
Hardware	Intel	Core I7-6700hq	-	All	All	All
Hardware	Intel	Core I7-6700hq	-	All	All	All
Hardware	Intel	Core I7-6700k	-	All	All	All
Hardware	Intel	Core I7-6700k	-	All	All	All
Hardware	Intel	Core I7-6700t	-	All	All	All
Hardware	Intel	Core I7-6700t	-	All	All	All
Hardware	Intel	Core I7-6700te	-	All	All	All
Hardware	Intel	Core I7-6700te	-	All	All	All
Hardware	Intel	Core I7-6770hq	-	All	All	All
Hardware	Intel	Core I7-6770hq	-	All	All	All
Hardware	Intel	Core I7-6820eq	-	All	All	All
Hardware	Intel	Core I7-6820eq	-	All	All	All
Hardware	Intel	Core I7-6820hk	-	All	All	All
Hardware	Intel	Core I7-6820hk	-	All	All	All
Hardware	Intel	Core I7-6820hq	-	All	All	All

Hardware	Intel	Core I7-6820hq	-	All	All	All
Hardware	Intel	Core I7-6822eq	-	All	All	All
Hardware	Intel	Core I7-6822eq	-	All	All	All
Hardware	Intel	Core I7-6870hq	-	All	All	All
Hardware	Intel	Core I7-6870hq	-	All	All	All
Hardware	Intel	Core I7-6920hq	-	All	All	All
Hardware	Intel	Core I7-6920hq	-	All	All	All
Hardware	Intel	Core I7-6970hq	-	All	All	All
Hardware	Intel	Core I7-6970hq	-	All	All	All
Hardware	Intel	Core I7-7500u	-	All	All	All
Hardware	Intel	Core I7-7500u	-	All	All	All
Hardware	Intel	Core I7-7510u	-	All	All	All
Hardware	Intel	Core I7-7510u	-	All	All	All
Hardware	Intel	Core I7-7560u	-	All	All	All
Hardware	Intel	Core I7-7560u	-	All	All	All
Hardware	Intel	Core I7-7567u	-	All	All	All
Hardware	Intel	Core I7-7567u	-	All	All	All
Hardware	Intel	Core I7-7600u	-	All	All	All
Hardware	Intel	Core I7-7600u	-	All	All	All
Hardware	Intel	Core I7-7640x	-	All	All	All
Hardware	Intel	Core I7-7640x	-	All	All	All
Hardware	Intel	Core I7-7660u	-	All	All	All
Hardware	Intel	Core I7-7660u	-	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
Hardware	Intel	Core I7-7700k	-	All	All	All
Hardware	Intel	Core I7-7700k	-	All	All	All
Hardware	Intel	Core I7-7700t	-	All	All	All
Hardware	Intel	Core I7-7700t	-	All	All	All
Hardware	Intel	Core I7-7740x	-	All	All	All
Hardware	Intel	Core I7-7740x	-	All	All	All
Hardware	Intel	Core I7-7800x	-	All	All	All
Hardware	Intel	Core I7-7800x	-	All	All	All

Hardware	Intel	Core i7-7820eq	-	All	All	All
Hardware	Intel	Core i7-7820eq	-	All	All	All
Hardware	Intel	Core i7-7820hk	-	All	All	All
Hardware	Intel	Core i7-7820hk	-	All	All	All
Hardware	Intel	Core i7-7820hq	-	All	All	All
Hardware	Intel	Core i7-7820hq	-	All	All	All
Hardware	Intel	Core i7-7820x	-	All	All	All
Hardware	Intel	Core i7-7820x	-	All	All	All
Hardware	Intel	Core i7-7920hq	-	All	All	All
Hardware	Intel	Core i7-7920hq	-	All	All	All
Hardware	Intel	Core i7-7y75	-	All	All	All
Hardware	Intel	Core i7-7y75	-	All	All	All
Hardware	Intel	Core i7-8500y	-	All	All	All
Hardware	Intel	Core i7-8500y	-	All	All	All
Hardware	Intel	Core i7-8510y	-	All	All	All
Hardware	Intel	Core i7-8510y	-	All	All	All
Hardware	Intel	Core i7-8550u	-	All	All	All
Hardware	Intel	Core i7-8550u	-	All	All	All
Hardware	Intel	Core i7-8557u	-	All	All	All
Hardware	Intel	Core i7-8557u	-	All	All	All
Hardware	Intel	Core i7-8559u	-	All	All	All
Hardware	Intel	Core i7-8559u	-	All	All	All
Hardware	Intel	Core i7-8560u	-	All	All	All
Hardware	Intel	Core i7-8560u	-	All	All	All
Hardware	Intel	Core i7-8565u	-	All	All	All
Hardware	Intel	Core i7-8565u	-	All	All	All
Hardware	Intel	Core i7-8569u	-	All	All	All
Hardware	Intel	Core i7-8569u	-	All	All	All
Hardware	Intel	Core i7-8650u	-	All	All	All
Hardware	Intel	Core i7-8650u	-	All	All	All
Hardware	Intel	Core i7-8665u	-	All	All	All
Hardware	Intel	Core i7-8665u	-	All	All	All
Hardware	Intel	Core i7-8670	-	All	All	All
Hardware	Intel	Core i7-8670	-	All	All	All
Hardware	Intel	Core i7-8670t	-	All	All	All
Hardware	Intel	Core i7-8670t	-	All	All	All

Hardware	Intel	Core i7-8000	-	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
Hardware	Intel	Core i7-8700k	-	All	All	All
Hardware	Intel	Core i7-8700k	-	All	All	All
Hardware	Intel	Core i7-8700t	-	All	All	All
Hardware	Intel	Core i7-8700t	-	All	All	All
Hardware	Intel	Core i7-8705g	-	All	All	All
Hardware	Intel	Core i7-8705g	-	All	All	All
Hardware	Intel	Core i7-8706g	-	All	All	All
Hardware	Intel	Core i7-8706g	-	All	All	All
Hardware	Intel	Core i7-8709g	-	All	All	All
Hardware	Intel	Core i7-8709g	-	All	All	All
Hardware	Intel	Core i7-8750h	-	All	All	All
Hardware	Intel	Core i7-8750h	-	All	All	All
Hardware	Intel	Core i7-8750hf	-	All	All	All
Hardware	Intel	Core i7-8750hf	-	All	All	All
Hardware	Intel	Core i7-8809g	-	All	All	All
Hardware	Intel	Core i7-8809g	-	All	All	All
Hardware	Intel	Core i7-8850h	-	All	All	All
Hardware	Intel	Core i7-8850h	-	All	All	All
Hardware	Intel	Core i7-9700k	-	All	All	All
Hardware	Intel	Core i7-9700k	-	All	All	All
Hardware	Intel	Core i7-9700kf	-	All	All	All
Hardware	Intel	Core i7-9700kf	-	All	All	All
Hardware	Intel	Core i7-9750hf	-	All	All	All
Hardware	Intel	Core i7-9750hf	-	All	All	All
Hardware	Intel	Core i7-9850h	-	All	All	All
Hardware	Intel	Core i7-9850h	-	All	All	All
Hardware	Intel	Core i9-10900x	-	All	All	All
Hardware	Intel	Core i9-10900x	-	All	All	All
Hardware	Intel	Core i9-10920x	-	All	All	All
Hardware	Intel	Core i9-10920x	-	All	All	All
Hardware	Intel	Core i9-10940x	-	All	All	All

Hardware	Intel	Core I9-10940x	-	All	All	All
Hardware	Intel	Core I9-7900x	-	All	All	All
Hardware	Intel	Core I9-7900x	-	All	All	All
Hardware	Intel	Core I9-7920x	-	All	All	All
Hardware	Intel	Core I9-7920x	-	All	All	All
Hardware	Intel	Core I9-7940x	-	All	All	All
Hardware	Intel	Core I9-7940x	-	All	All	All
Hardware	Intel	Core I9-7960x	-	All	All	All
Hardware	Intel	Core I9-7960x	-	All	All	All
Hardware	Intel	Core I9-7980xe	-	All	All	All
Hardware	Intel	Core I9-7980xe	-	All	All	All
Hardware	Intel	Core I9-8950hk	-	All	All	All
Hardware	Intel	Core I9-8950hk	-	All	All	All
Hardware	Intel	Core I9-9800x	-	All	All	All
Hardware	Intel	Core I9-9800x	-	All	All	All
Hardware	Intel	Core I9-9820x	-	All	All	All
Hardware	Intel	Core I9-9820x	-	All	All	All
Hardware	Intel	Core I9-9880h	-	All	All	All
Hardware	Intel	Core I9-9880h	-	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
Hardware	Intel	Core I9-9900x	-	All	All	All
Hardware	Intel	Core I9-9900x	-	All	All	All
Hardware	Intel	Core I9-9920x	-	All	All	All
Hardware	Intel	Core I9-9920x	-	All	All	All
Hardware	Intel	Core I9-9940x	-	All	All	All
Hardware	Intel	Core I9-9940x	-	All	All	All
Hardware	Intel	Core I9-9960x	-	All	All	All
Hardware	Intel	Core I9-9960x	-	All	All	All
Hardware	Intel	Core I9-9980hk	-	All	All	All
Hardware	Intel	Core I9-9980hk	-	All	All	All
Hardware	Intel	Core M3-6y30	-	All	All	All
Hardware	Intel	Core M3-6y30	-	All	All	All

Hardware	Intel	Core M3-7y30	-	All	All	All
Hardware	Intel	Core M3-7y30	-	All	All	All
Hardware	Intel	Core M3-8100y	-	All	All	All
Hardware	Intel	Core M3-8100y	-	All	All	All
Hardware	Intel	Core M5-6y54	-	All	All	All
Hardware	Intel	Core M5-6y54	-	All	All	All
Hardware	Intel	Core M5-6y57	-	All	All	All
Hardware	Intel	Core M5-6y57	-	All	All	All
Hardware	Intel	Core M7-6y75	-	All	All	All
Hardware	Intel	Core M7-6y75	-	All	All	All
Application	Intel	Microcode	-	All	All	All
Operating System	Intel	Microcode	-	All	All	All
Application	Intel	Microcode	-	All	All	All
Hardware	Intel	Pentium 4405u	-	All	All	All
Hardware	Intel	Pentium 4405u	-	All	All	All
Hardware	Intel	Pentium 4405y	-	All	All	All
Hardware	Intel	Pentium 4405y	-	All	All	All
Hardware	Intel	Pentium 4410y	-	All	All	All
Hardware	Intel	Pentium 4410y	-	All	All	All
Hardware	Intel	Pentium 4415u	-	All	All	All
Hardware	Intel	Pentium 4415u	-	All	All	All
Hardware	Intel	Pentium 4415y	-	All	All	All
Hardware	Intel	Pentium 4415y	-	All	All	All
Hardware	Intel	Pentium G4400	-	All	All	All
Hardware	Intel	Pentium G4400	-	All	All	All
Hardware	Intel	Pentium G4400t	-	All	All	All
Hardware	Intel	Pentium G4400t	-	All	All	All
Hardware	Intel	Pentium G4400te	-	All	All	All
Hardware	Intel	Pentium G4400te	-	All	All	All
Hardware	Intel	Pentium G4420	-	All	All	All
Hardware	Intel	Pentium G4420	-	All	All	All
Hardware	Intel	Pentium G4420t	-	All	All	All
Hardware	Intel	Pentium G4420t	-	All	All	All
Hardware	Intel	Pentium G4500	-	All	All	All
Hardware	Intel	Pentium G4500	-	All	All	All
Hardware	Intel	Pentium G4500t	-	All	All	All

Hardware	Intel	Pentium G4500t	-	All	All	All
Hardware	Intel	Pentium G4520	-	All	All	All
Hardware	Intel	Pentium G4520	-	All	All	All
Hardware	Intel	Pentium G4520t	-	All	All	All
Hardware	Intel	Pentium G4520t	-	All	All	All
Hardware	Intel	Pentium G4540	-	All	All	All
Hardware	Intel	Pentium G4540	-	All	All	All
Hardware	Intel	Pentium Gold G5400	-	All	All	All
Hardware	Intel	Pentium Gold G5400	-	All	All	All
Hardware	Intel	Pentium Gold G5400t	-	All	All	All
Hardware	Intel	Pentium Gold G5400t	-	All	All	All
Hardware	Intel	Pentium Gold G5420	-	All	All	All
Hardware	Intel	Pentium Gold G5420	-	All	All	All
Hardware	Intel	Pentium Gold G5420t	-	All	All	All
Hardware	Intel	Pentium Gold G5420t	-	All	All	All
Hardware	Intel	Pentium Gold G5500	-	All	All	All
Hardware	Intel	Pentium Gold G5500	-	All	All	All
Hardware	Intel	Pentium Gold G5500t	-	All	All	All
Hardware	Intel	Pentium Gold G5500t	-	All	All	All
Hardware	Intel	Pentium Gold G5600	-	All	All	All
Hardware	Intel	Pentium Gold G5600	-	All	All	All
Hardware	Intel	Pentium Gold G6405u	-	All	All	All
Hardware	Intel	Pentium Gold G6405u	-	All	All	All
Hardware	Intel	Xeon Bronze 3104	-	All	All	All
Hardware	Intel	Xeon Bronze 3104	-	All	All	All
Hardware	Intel	Xeon Bronze 3106	-	All	All	All
Hardware	Intel	Xeon Bronze 3106	-	All	All	All
Hardware	Intel	Xeon Bronze 3204	-	All	All	All
Hardware	Intel	Xeon Bronze 3204	-	All	All	All
Hardware	Intel	Xeon Bronze 3206r	-	All	All	All
Hardware	Intel	Xeon Bronze 3206r	-	All	All	All
Hardware	Intel	Xeon D-2123it	-	All	All	All
Hardware	Intel	Xeon D-2123it	-	All	All	All
Hardware	Intel	Xeon D-2141i	-	All	All	All
Hardware	Intel	Xeon D-2141i	-	All	All	All

Hardware	Intel	Xeon D-2142it	-	All	All	All
Hardware	Intel	Xeon D-2142it	-	All	All	All
Hardware	Intel	Xeon D-2143it	-	All	All	All
Hardware	Intel	Xeon D-2143it	-	All	All	All
Hardware	Intel	Xeon D-2145nt	-	All	All	All
Hardware	Intel	Xeon D-2145nt	-	All	All	All
Hardware	Intel	Xeon D-2146nt	-	All	All	All
Hardware	Intel	Xeon D-2146nt	-	All	All	All
Hardware	Intel	Xeon D-2161i	-	All	All	All
Hardware	Intel	Xeon D-2161i	-	All	All	All
Hardware	Intel	Xeon D-2163it	-	All	All	All
Hardware	Intel	Xeon D-2163it	-	All	All	All
Hardware	Intel	Xeon D-2166nt	-	All	All	All
Hardware	Intel	Xeon D-2166nt	-	All	All	All
Hardware	Intel	Xeon D-2173it	-	All	All	All
Hardware	Intel	Xeon D-2173it	-	All	All	All
Hardware	Intel	Xeon D-2177nt	-	All	All	All
Hardware	Intel	Xeon D-2177nt	-	All	All	All
Hardware	Intel	Xeon D-2183it	-	All	All	All
Hardware	Intel	Xeon D-2183it	-	All	All	All
Hardware	Intel	Xeon D-2187nt	-	All	All	All
Hardware	Intel	Xeon D-2187nt	-	All	All	All
Hardware	Intel	Xeon E-2124	-	All	All	All
Hardware	Intel	Xeon E-2124	-	All	All	All
Hardware	Intel	Xeon E-2124g	-	All	All	All
Hardware	Intel	Xeon E-2124g	-	All	All	All
Hardware	Intel	Xeon E-2126g	-	All	All	All
Hardware	Intel	Xeon E-2126g	-	All	All	All
Hardware	Intel	Xeon E-2134	-	All	All	All
Hardware	Intel	Xeon E-2134	-	All	All	All
Hardware	Intel	Xeon E-2136	-	All	All	All
Hardware	Intel	Xeon E-2136	-	All	All	All
Hardware	Intel	Xeon E-2144g	-	All	All	All
Hardware	Intel	Xeon E-2144g	-	All	All	All
Hardware	Intel	Xeon E-2146g	-	All	All	All

Hardware	Intel	Xeon E-2146g	-	All	All	All
Hardware	Intel	Xeon E-2174g	-	All	All	All
Hardware	Intel	Xeon E-2174g	-	All	All	All
Hardware	Intel	Xeon E-2176g	-	All	All	All
Hardware	Intel	Xeon E-2176g	-	All	All	All
Hardware	Intel	Xeon E-2176m	-	All	All	All
Hardware	Intel	Xeon E-2176m	-	All	All	All
Hardware	Intel	Xeon E-2184g	-	All	All	All
Hardware	Intel	Xeon E-2184g	-	All	All	All
Hardware	Intel	Xeon E-2186g	-	All	All	All
Hardware	Intel	Xeon E-2186g	-	All	All	All
Hardware	Intel	Xeon E-2186m	-	All	All	All
Hardware	Intel	Xeon E-2186m	-	All	All	All
Hardware	Intel	Xeon E-2224	-	All	All	All
Hardware	Intel	Xeon E-2224	-	All	All	All
Hardware	Intel	Xeon E-2224g	-	All	All	All
Hardware	Intel	Xeon E-2224g	-	All	All	All
Hardware	Intel	Xeon E-2226g	-	All	All	All
Hardware	Intel	Xeon E-2226g	-	All	All	All
Hardware	Intel	Xeon E-2226ge	-	All	All	All
Hardware	Intel	Xeon E-2226ge	-	All	All	All
Hardware	Intel	Xeon E-2234	-	All	All	All
Hardware	Intel	Xeon E-2234	-	All	All	All
Hardware	Intel	Xeon E-2236	-	All	All	All
Hardware	Intel	Xeon E-2236	-	All	All	All
Hardware	Intel	Xeon E-2244g	-	All	All	All
Hardware	Intel	Xeon E-2244g	-	All	All	All
Hardware	Intel	Xeon E-2246g	-	All	All	All
Hardware	Intel	Xeon E-2246g	-	All	All	All
Hardware	Intel	Xeon E-2254me	-	All	All	All
Hardware	Intel	Xeon E-2254me	-	All	All	All
Hardware	Intel	Xeon E-2254ml	-	All	All	All
Hardware	Intel	Xeon E-2254ml	-	All	All	All
Hardware	Intel	Xeon E-2274g	-	All	All	All
Hardware	Intel	Xeon E-2274g	-	All	All	All
Hardware	Intel	Xeon E-2276g	-	All	All	All

Hardware	Intel	Xeon E-2276g	-	All	All	All
Hardware	Intel	Xeon E-2276m	-	All	All	All
Hardware	Intel	Xeon E-2276m	-	All	All	All
Hardware	Intel	Xeon E-2276me	-	All	All	All
Hardware	Intel	Xeon E-2276me	-	All	All	All
Hardware	Intel	Xeon E-2276ml	-	All	All	All
Hardware	Intel	Xeon E-2276ml	-	All	All	All
Hardware	Intel	Xeon E-2278g	-	All	All	All
Hardware	Intel	Xeon E-2278g	-	All	All	All
Hardware	Intel	Xeon E-2278ge	-	All	All	All
Hardware	Intel	Xeon E-2278ge	-	All	All	All
Hardware	Intel	Xeon E-2278gel	-	All	All	All
Hardware	Intel	Xeon E-2278gel	-	All	All	All
Hardware	Intel	Xeon E-2284g	-	All	All	All
Hardware	Intel	Xeon E-2284g	-	All	All	All
Hardware	Intel	Xeon E-2286g	-	All	All	All
Hardware	Intel	Xeon E-2286g	-	All	All	All
Hardware	Intel	Xeon E-2286m	-	All	All	All
Hardware	Intel	Xeon E-2286m	-	All	All	All
Hardware	Intel	Xeon E-2288g	-	All	All	All
Hardware	Intel	Xeon E-2288g	-	All	All	All
Hardware	Intel	Xeon E3-1220	-	All	All	All
Hardware	Intel	Xeon E3-1220	-	All	All	All
Hardware	Intel	Xeon E3-1225	-	All	All	All
Hardware	Intel	Xeon E3-1225	-	All	All	All
Hardware	Intel	Xeon E3-1230	-	All	All	All
Hardware	Intel	Xeon E3-1230	-	All	All	All
Hardware	Intel	Xeon E3-1235l	-	All	All	All
Hardware	Intel	Xeon E3-1235l	-	All	All	All
Hardware	Intel	Xeon E3-1240	-	All	All	All
Hardware	Intel	Xeon E3-1240	-	All	All	All
Hardware	Intel	Xeon E3-1240l	-	All	All	All
Hardware	Intel	Xeon E3-1240l	-	All	All	All
Hardware	Intel	Xeon E3-1245	-	All	All	All
Hardware	Intel	Xeon E3-1245	-	All	All	All

Hardware	Intel	Xeon E3-1260I	-	All	All	All
Hardware	Intel	Xeon E3-1260I	-	All	All	All
Hardware	Intel	Xeon E3-1268I	-	All	All	All
Hardware	Intel	Xeon E3-1268I	-	All	All	All
Hardware	Intel	Xeon E3-1270	-	All	All	All
Hardware	Intel	Xeon E3-1270	-	All	All	All
Hardware	Intel	Xeon E3-1275	-	All	All	All
Hardware	Intel	Xeon E3-1275	-	All	All	All
Hardware	Intel	Xeon E3-1280	-	All	All	All
Hardware	Intel	Xeon E3-1280	-	All	All	All
Hardware	Intel	Xeon E3-1285	-	All	All	All
Hardware	Intel	Xeon E3-1285	-	All	All	All
Hardware	Intel	Xeon E3-1501I	-	All	All	All
Hardware	Intel	Xeon E3-1501I	-	All	All	All
Hardware	Intel	Xeon E3-1501m	-	All	All	All
Hardware	Intel	Xeon E3-1501m	-	All	All	All
Hardware	Intel	Xeon E3-1505I	-	All	All	All
Hardware	Intel	Xeon E3-1505I	-	All	All	All
Hardware	Intel	Xeon E3-1505m	-	All	All	All
Hardware	Intel	Xeon E3-1505m	-	All	All	All
Hardware	Intel	Xeon E3-1515m	-	All	All	All
Hardware	Intel	Xeon E3-1515m	-	All	All	All
Hardware	Intel	Xeon E3-1535m	-	All	All	All
Hardware	Intel	Xeon E3-1535m	-	All	All	All
Hardware	Intel	Xeon E3-1545m	-	All	All	All
Hardware	Intel	Xeon E3-1545m	-	All	All	All
Hardware	Intel	Xeon E3-1558I	-	All	All	All
Hardware	Intel	Xeon E3-1558I	-	All	All	All
Hardware	Intel	Xeon E3-1565I	-	All	All	All
Hardware	Intel	Xeon E3-1565I	-	All	All	All
Hardware	Intel	Xeon E3-1575m	-	All	All	All
Hardware	Intel	Xeon E3-1575m	-	All	All	All
Hardware	Intel	Xeon E3-1578I	-	All	All	All
Hardware	Intel	Xeon E3-1578I	-	All	All	All
Hardware	Intel	Xeon E3-1585	-	All	All	All

Hardware	Intel	Xeon E3-1585	-	All	All	All
Hardware	Intel	Xeon E3-1585l	-	All	All	All
Hardware	Intel	Xeon E3-1585l	-	All	All	All
Hardware	Intel	Xeon Gold 5115	-	All	All	All
Hardware	Intel	Xeon Gold 5115	-	All	All	All
Hardware	Intel	Xeon Gold 5118	-	All	All	All
Hardware	Intel	Xeon Gold 5118	-	All	All	All
Hardware	Intel	Xeon Gold 5119t	-	All	All	All
Hardware	Intel	Xeon Gold 5119t	-	All	All	All
Hardware	Intel	Xeon Gold 5120	-	All	All	All
Hardware	Intel	Xeon Gold 5120	-	All	All	All
Hardware	Intel	Xeon Gold 5120t	-	All	All	All
Hardware	Intel	Xeon Gold 5120t	-	All	All	All
Hardware	Intel	Xeon Gold 5122	-	All	All	All
Hardware	Intel	Xeon Gold 5122	-	All	All	All
Hardware	Intel	Xeon Gold 5215	-	All	All	All
Hardware	Intel	Xeon Gold 5215	-	All	All	All
Hardware	Intel	Xeon Gold 5215l	-	All	All	All
Hardware	Intel	Xeon Gold 5215l	-	All	All	All
Hardware	Intel	Xeon Gold 5215m	-	All	All	All
Hardware	Intel	Xeon Gold 5215m	-	All	All	All
Hardware	Intel	Xeon Gold 5215r	-	All	All	All
Hardware	Intel	Xeon Gold 5215r	-	All	All	All
Hardware	Intel	Xeon Gold 5217	-	All	All	All
Hardware	Intel	Xeon Gold 5217	-	All	All	All
Hardware	Intel	Xeon Gold 5218	-	All	All	All
Hardware	Intel	Xeon Gold 5218	-	All	All	All
Hardware	Intel	Xeon Gold 5218b	-	All	All	All
Hardware	Intel	Xeon Gold 5218b	-	All	All	All
Hardware	Intel	Xeon Gold 5218n	-	All	All	All
Hardware	Intel	Xeon Gold 5218n	-	All	All	All
Hardware	Intel	Xeon Gold 5218t	-	All	All	All
Hardware	Intel	Xeon Gold 5218t	-	All	All	All
Hardware	Intel	Xeon Gold 5220	-	All	All	All
Hardware	Intel	Xeon Gold 5220	-	All	All	All
Hardware	Intel	Xeon Gold 5220r	-	All	All	All

Hardware	Intel	Xeon Gold 5220r	-	All	All	All
Hardware	Intel	Xeon Gold 5220s	-	All	All	All
Hardware	Intel	Xeon Gold 5220s	-	All	All	All
Hardware	Intel	Xeon Gold 5220t	-	All	All	All
Hardware	Intel	Xeon Gold 5220t	-	All	All	All
Hardware	Intel	Xeon Gold 5222	-	All	All	All
Hardware	Intel	Xeon Gold 5222	-	All	All	All
Hardware	Intel	Xeon Gold 6126	-	All	All	All
Hardware	Intel	Xeon Gold 6126	-	All	All	All
Hardware	Intel	Xeon Gold 6126f	-	All	All	All
Hardware	Intel	Xeon Gold 6126f	-	All	All	All
Hardware	Intel	Xeon Gold 6126t	-	All	All	All
Hardware	Intel	Xeon Gold 6126t	-	All	All	All
Hardware	Intel	Xeon Gold 6128	-	All	All	All
Hardware	Intel	Xeon Gold 6128	-	All	All	All
Hardware	Intel	Xeon Gold 6130	-	All	All	All
Hardware	Intel	Xeon Gold 6130	-	All	All	All
Hardware	Intel	Xeon Gold 6130f	-	All	All	All
Hardware	Intel	Xeon Gold 6130f	-	All	All	All
Hardware	Intel	Xeon Gold 6130t	-	All	All	All
Hardware	Intel	Xeon Gold 6130t	-	All	All	All
Hardware	Intel	Xeon Gold 6132	-	All	All	All
Hardware	Intel	Xeon Gold 6132	-	All	All	All
Hardware	Intel	Xeon Gold 6134	-	All	All	All
Hardware	Intel	Xeon Gold 6134	-	All	All	All
Hardware	Intel	Xeon Gold 6134m	-	All	All	All
Hardware	Intel	Xeon Gold 6134m	-	All	All	All
Hardware	Intel	Xeon Gold 6136	-	All	All	All
Hardware	Intel	Xeon Gold 6136	-	All	All	All
Hardware	Intel	Xeon Gold 6138	-	All	All	All
Hardware	Intel	Xeon Gold 6138	-	All	All	All
Hardware	Intel	Xeon Gold 6138f	-	All	All	All
Hardware	Intel	Xeon Gold 6138f	-	All	All	All
Hardware	Intel	Xeon Gold 6138t	-	All	All	All
Hardware	Intel	Xeon Gold 6138t	-	All	All	All



Hardware	Intel	Xeon Gold 6234	-	All	All	All
Hardware	Intel	Xeon Gold 6238	-	All	All	All
Hardware	Intel	Xeon Gold 6238	-	All	All	All
Hardware	Intel	Xeon Gold 6238l	-	All	All	All
Hardware	Intel	Xeon Gold 6238l	-	All	All	All
Hardware	Intel	Xeon Gold 6238m	-	All	All	All
Hardware	Intel	Xeon Gold 6238m	-	All	All	All
Hardware	Intel	Xeon Gold 6238t	-	All	All	All
Hardware	Intel	Xeon Gold 6238t	-	All	All	All
Hardware	Intel	Xeon Gold 6240	-	All	All	All
Hardware	Intel	Xeon Gold 6240	-	All	All	All
Hardware	Intel	Xeon Gold 6240l	-	All	All	All
Hardware	Intel	Xeon Gold 6240l	-	All	All	All
Hardware	Intel	Xeon Gold 6240m	-	All	All	All
Hardware	Intel	Xeon Gold 6240m	-	All	All	All
Hardware	Intel	Xeon Gold 6240y	-	All	All	All
Hardware	Intel	Xeon Gold 6240y	-	All	All	All
Hardware	Intel	Xeon Gold 6242	-	All	All	All
Hardware	Intel	Xeon Gold 6242	-	All	All	All
Hardware	Intel	Xeon Gold 6244	-	All	All	All
Hardware	Intel	Xeon Gold 6244	-	All	All	All
Hardware	Intel	Xeon Gold 6246	-	All	All	All
Hardware	Intel	Xeon Gold 6246	-	All	All	All
Hardware	Intel	Xeon Gold 6248	-	All	All	All
Hardware	Intel	Xeon Gold 6248	-	All	All	All
Hardware	Intel	Xeon Gold 6252	-	All	All	All
Hardware	Intel	Xeon Gold 6252	-	All	All	All
Hardware	Intel	Xeon Gold 6252n	-	All	All	All
Hardware	Intel	Xeon Gold 6252n	-	All	All	All
Hardware	Intel	Xeon Gold 6254	-	All	All	All
Hardware	Intel	Xeon Gold 6254	-	All	All	All
Hardware	Intel	Xeon Gold 6262v	-	All	All	All
Hardware	Intel	Xeon Gold 6262v	-	All	All	All
Hardware	Intel	Xeon Platinum 8153	-	All	All	All
Hardware	Intel	Xeon Platinum 8153	-	All	All	All
Hardware	Intel	Xeon Platinum 8156	-	All	All	All





Hardware	intel	Xeon Platinum P-8135	-	All	All	All
Hardware	Intel	Xeon Silver 4108	-	All	All	All
Hardware	Intel	Xeon Silver 4108	-	All	All	All
Hardware	Intel	Xeon Silver 4109t	-	All	All	All
Hardware	Intel	Xeon Silver 4109t	-	All	All	All
Hardware	Intel	Xeon Silver 4110	-	All	All	All
Hardware	Intel	Xeon Silver 4110	-	All	All	All
Hardware	Intel	Xeon Silver 4112	-	All	All	All
Hardware	Intel	Xeon Silver 4112	-	All	All	All
Hardware	Intel	Xeon Silver 4114	-	All	All	All
Hardware	Intel	Xeon Silver 4114	-	All	All	All
Hardware	Intel	Xeon Silver 4114t	-	All	All	All
Hardware	Intel	Xeon Silver 4114t	-	All	All	All
Hardware	Intel	Xeon Silver 4116	-	All	All	All
Hardware	Intel	Xeon Silver 4116	-	All	All	All
Hardware	Intel	Xeon Silver 4116t	-	All	All	All
Hardware	Intel	Xeon Silver 4116t	-	All	All	All
Hardware	Intel	Xeon Silver 4208	-	All	All	All
Hardware	Intel	Xeon Silver 4208	-	All	All	All
Hardware	Intel	Xeon Silver 4208r	-	All	All	All
Hardware	Intel	Xeon Silver 4208r	-	All	All	All
Hardware	Intel	Xeon Silver 4209t	-	All	All	All
Hardware	Intel	Xeon Silver 4209t	-	All	All	All
Hardware	Intel	Xeon Silver 4210	-	All	All	All
Hardware	Intel	Xeon Silver 4210	-	All	All	All
Hardware	Intel	Xeon Silver 4210r	-	All	All	All
Hardware	Intel	Xeon Silver 4210r	-	All	All	All
Hardware	Intel	Xeon Silver 4214	-	All	All	All
Hardware	Intel	Xeon Silver 4214	-	All	All	All
Hardware	Intel	Xeon Silver 4214c	-	All	All	All
Hardware	Intel	Xeon Silver 4214c	-	All	All	All
Hardware	Intel	Xeon Silver 4214r	-	All	All	All
Hardware	Intel	Xeon Silver 4214r	-	All	All	All
Hardware	Intel	Xeon Silver 4214y	-	All	All	All
Hardware	Intel	Xeon Silver 4214y	-	All	All	All
Hardware	Intel	Xeon Silver 4215	-	All	All	All

Hardware	Intel	Xeon Silver 4215	-	All	All	All
Hardware	Intel	Xeon Silver 4216	-	All	All	All
Hardware	Intel	Xeon Silver 4216	-	All	All	All
Hardware	Intel	Xeon Silver 4216r	-	All	All	All
Hardware	Intel	Xeon Silver 4216r	-	All	All	All
Hardware	Intel	Xeon W-2123	-	All	All	All
Hardware	Intel	Xeon W-2123	-	All	All	All
Hardware	Intel	Xeon W-2125	-	All	All	All
Hardware	Intel	Xeon W-2125	-	All	All	All
Hardware	Intel	Xeon W-2133	-	All	All	All
Hardware	Intel	Xeon W-2133	-	All	All	All
Hardware	Intel	Xeon W-2135	-	All	All	All
Hardware	Intel	Xeon W-2135	-	All	All	All
Hardware	Intel	Xeon W-2145	-	All	All	All
Hardware	Intel	Xeon W-2145	-	All	All	All
Hardware	Intel	Xeon W-2155	-	All	All	All
Hardware	Intel	Xeon W-2155	-	All	All	All
Hardware	Intel	Xeon W-2175	-	All	All	All
Hardware	Intel	Xeon W-2175	-	All	All	All
Hardware	Intel	Xeon W-2195	-	All	All	All
Hardware	Intel	Xeon W-2195	-	All	All	All
Hardware	Intel	Xeon W-2223	-	All	All	All
Hardware	Intel	Xeon W-2223	-	All	All	All
Hardware	Intel	Xeon W-2225	-	All	All	All
Hardware	Intel	Xeon W-2225	-	All	All	All
Hardware	Intel	Xeon W-2235	-	All	All	All
Hardware	Intel	Xeon W-2235	-	All	All	All
Hardware	Intel	Xeon W-2245	-	All	All	All
Hardware	Intel	Xeon W-2245	-	All	All	All
Hardware	Intel	Xeon W-2255	-	All	All	All
Hardware	Intel	Xeon W-2255	-	All	All	All
Hardware	Intel	Xeon W-2265	-	All	All	All
Hardware	Intel	Xeon W-2265	-	All	All	All
Hardware	Intel	Xeon W-2275	-	All	All	All
Hardware	Intel	Xeon W-2275	-	All	All	All

Hardware	Intel	Xeon W-2295	-	All	All	All
Hardware	Intel	Xeon W-2295	-	All	All	All
Hardware	Intel	Xeon W-3223	-	All	All	All
Hardware	Intel	Xeon W-3223	-	All	All	All
Hardware	Intel	Xeon W-3225	-	All	All	All
Hardware	Intel	Xeon W-3225	-	All	All	All
Hardware	Intel	Xeon W-3235	-	All	All	All
Hardware	Intel	Xeon W-3235	-	All	All	All
Hardware	Intel	Xeon W-3245	-	All	All	All
Hardware	Intel	Xeon W-3245	-	All	All	All
Hardware	Intel	Xeon W-3245m	-	All	All	All
Hardware	Intel	Xeon W-3245m	-	All	All	All
Hardware	Intel	Xeon W-3265	-	All	All	All
Hardware	Intel	Xeon W-3265	-	All	All	All
Hardware	Intel	Xeon W-3265m	-	All	All	All
Hardware	Intel	Xeon W-3265m	-	All	All	All
Hardware	Intel	Xeon W-3275	-	All	All	All
Hardware	Intel	Xeon W-3275	-	All	All	All
Hardware	Intel	Xeon W-3275m	-	All	All	All
Hardware	Intel	Xeon W-3275m	-	All	All	All
Application	Netapp	Clustered Data Ontap	-	All	All	All
Application	Netapp	Clustered Data Ontap	-	All	All	All
Hardware	Netapp	Hci Storage Node	-	All	All	All
Hardware	Netapp	Hci Storage Node	-	All	All	All
Operating System	Netapp	Hci Storage Node Bios	-	All	All	All
Operating System	Netapp	Hci Storage Node Bios	-	All	All	All
Hardware	Netapp	Hcl Compute Node	-	All	All	All
Hardware	Netapp	Hcl Compute Node	-	All	All	All
Operating System	Netapp	Hcl Compute Node Bios	-	All	All	All
Operating System	Netapp	Hcl Compute Node Bios	-	All	All	All
Hardware	Netapp	Solidfire	-	All	All	All
Hardware	Netapp	Solidfire	-	All	All	All
Operating System	Netapp	Solidfire Bios	-	All	All	All
Operating System	Netapp	Solidfire Bios	-	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 31 Update: microcode_ctl-2.1-39.2.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Intel SA-00381 Processor Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>
INTEL-SA-00381	MISC	<a href="https://www.intel.com">www.intel.com</a>
[SECURITY] Fedora 31 Update: microcode_ctl-2.1-39.2.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] [DLA 2546-1] intel-microcode security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159327</a> Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3027)
<a href="#">159328</a> Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3028)
<a href="#">198372</a> Ubuntu Security Notification for Intel Microcode vulnerabilities (USN-4628-3)
<a href="#">239533</a> Red Hat Update for microcode_ctl (RHSA-2021:3029)
<a href="#">239534</a> Red Hat Update for microcode_ctl (RHSA-2021:3028)
<a href="#">239535</a> Red Hat Update for microcode_ctl (RHSA-2021:3027)
<a href="#">239569</a> Red Hat Update for microcode_ctl (RHSA-2021:3176)
<a href="#">239598</a> Red Hat Update for microcode_ctl (RHSA-2021:3364)
<a href="#">257102</a> CentOS Security Update for microcode_ctl (CESA-2021:3028)
<a href="#">352391</a> Amazon Linux Security Advisory for microcode_ctl: ALAS2-2021-1663
<a href="#">377088</a> Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2021:0047)
<a href="#">377112</a> Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX3-SA-2021:0057)
<a href="#">377322</a> Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2020:0187)
<a href="#">378263</a> Virtuozzo Linux Security Update for microcode_ctl (VZLSA-2020:5083)
<a href="#">378882</a> Citrix XenServer Security Updates (CTX285937)
<a href="#">390265</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for microcode_ctl (OVMSA-2022-0020)
<a href="#">750537</a> OpenSUSE Security Update for ucode-intel (openSUSE-SU-2020:2098-1)
<a href="#">750548</a> OpenSUSE Security Update for ucode-intel (openSUSE-SU-2020:2075-1)
<a href="#">940391</a> AlmaLinux Security Update for microcode_ctl (ALSA-2021:3027)

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