



CVE-2020-0543

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

Summary

CVE	CVE-2020-0543
State	PUBLIC
Assigner	secure@intel.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-15 14:15:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	Incomplete cleanup from specific special register read operations in some Intel(R) Processors may allow an authenticated u

Risk And Classification

Problem Types: CWE-459

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Hardware	Intel	Celeron 1000m	-	All	All	All

Hardware	Intel	Celeron 1000m	-	All	All	All
Hardware	Intel	Celeron 1005m	-	All	All	All
Hardware	Intel	Celeron 1005m	-	All	All	All
Hardware	Intel	Celeron 1007u	-	All	All	All
Hardware	Intel	Celeron 1007u	-	All	All	All
Hardware	Intel	Celeron 1017u	-	All	All	All
Hardware	Intel	Celeron 1017u	-	All	All	All
Hardware	Intel	Celeron 1019y	-	All	All	All
Hardware	Intel	Celeron 1019y	-	All	All	All
Hardware	Intel	Celeron 1020e	-	All	All	All
Hardware	Intel	Celeron 1020e	-	All	All	All
Hardware	Intel	Celeron 1020m	-	All	All	All
Hardware	Intel	Celeron 1020m	-	All	All	All
Hardware	Intel	Celeron 1037u	-	All	All	All
Hardware	Intel	Celeron 1037u	-	All	All	All
Hardware	Intel	Celeron 1047ue	-	All	All	All
Hardware	Intel	Celeron 1047ue	-	All	All	All
Hardware	Intel	Celeron 2955u	-	All	All	All
Hardware	Intel	Celeron 2955u	-	All	All	All
Hardware	Intel	Celeron 2957u	-	All	All	All
Hardware	Intel	Celeron 2957u	-	All	All	All
Hardware	Intel	Celeron 2970m	-	All	All	All
Hardware	Intel	Celeron 2970m	-	All	All	All
Hardware	Intel	Celeron 2980u	-	All	All	All
Hardware	Intel	Celeron 2980u	-	All	All	All
Hardware	Intel	Celeron 2981u	-	All	All	All
Hardware	Intel	Celeron 2981u	-	All	All	All
Hardware	Intel	Celeron 3755u	-	All	All	All
Hardware	Intel	Celeron 3755u	-	All	All	All
Hardware	Intel	Celeron 3765u	-	All	All	All
Hardware	Intel	Celeron 3765u	-	All	All	All
Hardware	Intel	Celeron 3855u	-	All	All	All
Hardware	Intel	Celeron 3855u	-	All	All	All
Hardware	Intel	Celeron 3865u	-	All	All	All
Hardware	Intel	Celeron 3865u	-	All	All	All

Hardware	Intel	Celeron 3955u	-	All	All	All
Hardware	Intel	Celeron 3955u	-	All	All	All
Hardware	Intel	Celeron 3965u	-	All	All	All
Hardware	Intel	Celeron 3965u	-	All	All	All
Hardware	Intel	Celeron 3965y	-	All	All	All
Hardware	Intel	Celeron 3965y	-	All	All	All
Hardware	Intel	Celeron 5305u	-	All	All	All
Hardware	Intel	Celeron 5305u	-	All	All	All
Hardware	Intel	Celeron 725c	-	All	All	All
Hardware	Intel	Celeron 725c	-	All	All	All
Hardware	Intel	Celeron 927ue	-	All	All	All
Hardware	Intel	Celeron 927ue	-	All	All	All
Hardware	Intel	Celeron G1610	-	All	All	All
Hardware	Intel	Celeron G1610	-	All	All	All
Hardware	Intel	Celeron G1610t	-	All	All	All
Hardware	Intel	Celeron G1610t	-	All	All	All
Hardware	Intel	Celeron G1620	-	All	All	All
Hardware	Intel	Celeron G1620	-	All	All	All
Hardware	Intel	Celeron G1620t	-	All	All	All
Hardware	Intel	Celeron G1620t	-	All	All	All
Hardware	Intel	Celeron G1630	-	All	All	All
Hardware	Intel	Celeron G1630	-	All	All	All
Hardware	Intel	Celeron G1820	-	All	All	All
Hardware	Intel	Celeron G1820	-	All	All	All
Hardware	Intel	Celeron G1820t	-	All	All	All
Hardware	Intel	Celeron G1820t	-	All	All	All
Hardware	Intel	Celeron G1830	-	All	All	All
Hardware	Intel	Celeron G1830	-	All	All	All
Hardware	Intel	Celeron G1840	-	All	All	All
Hardware	Intel	Celeron G1840	-	All	All	All
Hardware	Intel	Celeron G1840t	-	All	All	All
Hardware	Intel	Celeron G1840t	-	All	All	All
Hardware	Intel	Celeron G1850	-	All	All	All
Hardware	Intel	Celeron G1850	-	All	All	All
Hardware	Intel	Celeron G3900	-	All	All	All
Hardware	Intel	Celeron G3900	-	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 G4930	-	All	All	All
Hardware	Intel	Celeron G4930	-	All	All	All
Hardware	Intel	Celeron G4950	-	All	All	All
Hardware	Intel	Celeron G4950	-	All	All	All
Hardware	Intel	Core 4205u	-	All	All	All
Hardware	Intel	Core 4205u	-	All	All	All
Hardware	Intel	Core 4410y	-	All	All	All
Hardware	Intel	Core 4410y	-	All	All	All
Hardware	Intel	Core 4415y	-	All	All	All
Hardware	Intel	Core 4415y	-	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 9300h	-	All	All	All
Hardware	Intel	Core 9300h	-	All	All	All
Hardware	Intel	Core 9750hf	-	All	All	All
Hardware	Intel	Core 9750hf	-	All	All	All
Hardware	Intel	Core I3-2115c	-	All	All	All
Hardware	Intel	Core I3-2115c	-	All	All	All
Hardware	Intel	Core I3-3110m	-	All	All	All
Hardware	Intel	Core I3-3110m	-	All	All	All
Hardware	Intel	Core I3-3115c	-	All	All	All
Hardware	Intel	Core I3-3115c	-	All	All	All
Hardware	Intel	Core I3-3120m	-	All	All	All
Hardware	Intel	Core I3-3120m	-	All	All	All
Hardware	Intel	Core I3-3120me	-	All	All	All
Hardware	Intel	Core I3-3120me	-	All	All	All
Hardware	Intel	Core I3-3130m	-	All	All	All
Hardware	Intel	Core I3-3130m	-	All	All	All
Hardware	Intel	Core I3-3210	-	All	All	All
Hardware	Intel	Core I3-3210	-	All	All	All
Hardware	Intel	Core I3-3217u	-	All	All	All
Hardware	Intel	Core I3-3217u	-	All	All	All
Hardware	Intel	Core I3-3217ue	-	All	All	All
Hardware	Intel	Core I3-3217ue	-	All	All	All
Hardware	Intel	Core I3-3220	-	All	All	All
Hardware	Intel	Core I3-3220	-	All	All	All
Hardware	Intel	Core I3-3220t	-	All	All	All
Hardware	Intel	Core I3-3220t	-	All	All	All
Hardware	Intel	Core I3-3225	-	All	All	All
Hardware	Intel	Core I3-3225	-	All	All	All
Hardware	Intel	Core I3-3227u	-	All	All	All
Hardware	Intel	Core I3-3227u	-	All	All	All
Hardware	Intel	Core I3-3229y	-	All	All	All
Hardware	Intel	Core I3-3229y	-	All	All	All
Hardware	Intel	Core I3-3240	-	All	All	All
Hardware	Intel	Core I3-3240	-	All	All	All

Hardware	Intel	Core I3-3240t	-	All	All	All
Hardware	Intel	Core I3-3240t	-	All	All	All
Hardware	Intel	Core I3-3245	-	All	All	All
Hardware	Intel	Core I3-3245	-	All	All	All
Hardware	Intel	Core I3-3250	-	All	All	All
Hardware	Intel	Core I3-3250	-	All	All	All
Hardware	Intel	Core I3-3250t	-	All	All	All
Hardware	Intel	Core I3-3250t	-	All	All	All
Hardware	Intel	Core I3-4005u	-	All	All	All
Hardware	Intel	Core I3-4005u	-	All	All	All
Hardware	Intel	Core I3-4010u	-	All	All	All
Hardware	Intel	Core I3-4010u	-	All	All	All
Hardware	Intel	Core I3-4010y	-	All	All	All
Hardware	Intel	Core I3-4010y	-	All	All	All
Hardware	Intel	Core I3-4012y	-	All	All	All
Hardware	Intel	Core I3-4012y	-	All	All	All
Hardware	Intel	Core I3-4020y	-	All	All	All
Hardware	Intel	Core I3-4020y	-	All	All	All
Hardware	Intel	Core I3-4025u	-	All	All	All
Hardware	Intel	Core I3-4025u	-	All	All	All
Hardware	Intel	Core I3-4030u	-	All	All	All
Hardware	Intel	Core I3-4030u	-	All	All	All
Hardware	Intel	Core I3-4030y	-	All	All	All
Hardware	Intel	Core I3-4030y	-	All	All	All
Hardware	Intel	Core I3-4100m	-	All	All	All
Hardware	Intel	Core I3-4100m	-	All	All	All
Hardware	Intel	Core I3-4100u	-	All	All	All
Hardware	Intel	Core I3-4100u	-	All	All	All
Hardware	Intel	Core I3-4110m	-	All	All	All
Hardware	Intel	Core I3-4110m	-	All	All	All
Hardware	Intel	Core I3-4120u	-	All	All	All
Hardware	Intel	Core I3-4120u	-	All	All	All
Hardware	Intel	Core I3-4130	-	All	All	All
Hardware	Intel	Core I3-4130	-	All	All	All
Hardware	Intel	Core I3-4130t	-	All	All	All
Hardware	Intel	Core I3-4130t	-	All	All	All

Hardware	Intel	Core i3-4130T	-	All	All	All
Hardware	Intel	Core i3-4150	-	All	All	All
Hardware	Intel	Core i3-4150	-	All	All	All
Hardware	Intel	Core i3-4150t	-	All	All	All
Hardware	Intel	Core i3-4150t	-	All	All	All
Hardware	Intel	Core i3-4158u	-	All	All	All
Hardware	Intel	Core i3-4158u	-	All	All	All
Hardware	Intel	Core i3-4160	-	All	All	All
Hardware	Intel	Core i3-4160	-	All	All	All
Hardware	Intel	Core i3-4160t	-	All	All	All
Hardware	Intel	Core i3-4160t	-	All	All	All
Hardware	Intel	Core i3-4170	-	All	All	All
Hardware	Intel	Core i3-4170	-	All	All	All
Hardware	Intel	Core i3-4170t	-	All	All	All
Hardware	Intel	Core i3-4170t	-	All	All	All
Hardware	Intel	Core i3-4330	-	All	All	All
Hardware	Intel	Core i3-4330	-	All	All	All
Hardware	Intel	Core i3-4330t	-	All	All	All
Hardware	Intel	Core i3-4330t	-	All	All	All
Hardware	Intel	Core i3-4340	-	All	All	All
Hardware	Intel	Core i3-4340	-	All	All	All
Hardware	Intel	Core i3-4350	-	All	All	All
Hardware	Intel	Core i3-4350	-	All	All	All
Hardware	Intel	Core i3-4350t	-	All	All	All
Hardware	Intel	Core i3-4350t	-	All	All	All
Hardware	Intel	Core i3-4360	-	All	All	All
Hardware	Intel	Core i3-4360	-	All	All	All
Hardware	Intel	Core i3-4360t	-	All	All	All
Hardware	Intel	Core i3-4360t	-	All	All	All
Hardware	Intel	Core i3-4370	-	All	All	All
Hardware	Intel	Core i3-4370	-	All	All	All
Hardware	Intel	Core i3-4370t	-	All	All	All
Hardware	Intel	Core i3-4370t	-	All	All	All
Hardware	Intel	Core i3-5005u	-	All	All	All
Hardware	Intel	Core i3-5005u	-	All	All	All
Hardware	Intel	Core i3-5006u	-	All	All	All

Hardware	Intel	Core I3-5006u	-	All	All	All
Hardware	Intel	Core I3-5010u	-	All	All	All
Hardware	Intel	Core I3-5010u	-	All	All	All
Hardware	Intel	Core I3-5015u	-	All	All	All
Hardware	Intel	Core I3-5015u	-	All	All	All
Hardware	Intel	Core I3-5020u	-	All	All	All
Hardware	Intel	Core I3-5020u	-	All	All	All
Hardware	Intel	Core I3-5157u	-	All	All	All
Hardware	Intel	Core I3-5157u	-	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 I3-7100e	-	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 i3-8000	-	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 i3-i3-8100h	-	All	All	All
Hardware	Intel	Core i3-i3-8100h	-	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 i5-3210m	-	All	All	All

Hardware	Intel	Core I5-3210m	-	All	All	All
Hardware	Intel	Core I5-3230m	-	All	All	All
Hardware	Intel	Core I5-3230m	-	All	All	All
Hardware	Intel	Core I5-3317u	-	All	All	All
Hardware	Intel	Core I5-3317u	-	All	All	All
Hardware	Intel	Core I5-3320m	-	All	All	All
Hardware	Intel	Core I5-3320m	-	All	All	All
Hardware	Intel	Core I5-3330	-	All	All	All
Hardware	Intel	Core I5-3330	-	All	All	All
Hardware	Intel	Core I5-3330s	-	All	All	All
Hardware	Intel	Core I5-3330s	-	All	All	All
Hardware	Intel	Core I5-3337u	-	All	All	All
Hardware	Intel	Core I5-3337u	-	All	All	All
Hardware	Intel	Core I5-3339y	-	All	All	All
Hardware	Intel	Core I5-3339y	-	All	All	All
Hardware	Intel	Core I5-3340	-	All	All	All
Hardware	Intel	Core I5-3340	-	All	All	All
Hardware	Intel	Core I5-3340m	-	All	All	All
Hardware	Intel	Core I5-3340m	-	All	All	All
Hardware	Intel	Core I5-3340s	-	All	All	All
Hardware	Intel	Core I5-3340s	-	All	All	All
Hardware	Intel	Core I5-3350p	-	All	All	All
Hardware	Intel	Core I5-3350p	-	All	All	All
Hardware	Intel	Core I5-3360m	-	All	All	All
Hardware	Intel	Core I5-3360m	-	All	All	All
Hardware	Intel	Core I5-3380m	-	All	All	All
Hardware	Intel	Core I5-3380m	-	All	All	All
Hardware	Intel	Core I5-3427u	-	All	All	All
Hardware	Intel	Core I5-3427u	-	All	All	All
Hardware	Intel	Core I5-3437u	-	All	All	All
Hardware	Intel	Core I5-3437u	-	All	All	All
Hardware	Intel	Core I5-3439y	-	All	All	All
Hardware	Intel	Core I5-3439y	-	All	All	All
Hardware	Intel	Core I5-3450	-	All	All	All
Hardware	Intel	Core I5-3450	-	All	All	All

Hardware	Intel	Core i5-3450s	-	All	All	All
Hardware	Intel	Core i5-3450s	-	All	All	All
Hardware	Intel	Core i5-3470	-	All	All	All
Hardware	Intel	Core i5-3470	-	All	All	All
Hardware	Intel	Core i5-3470s	-	All	All	All
Hardware	Intel	Core i5-3470s	-	All	All	All
Hardware	Intel	Core i5-3470t	-	All	All	All
Hardware	Intel	Core i5-3470t	-	All	All	All
Hardware	Intel	Core i5-3475s	-	All	All	All
Hardware	Intel	Core i5-3475s	-	All	All	All
Hardware	Intel	Core i5-3550	-	All	All	All
Hardware	Intel	Core i5-3550	-	All	All	All
Hardware	Intel	Core i5-3550s	-	All	All	All
Hardware	Intel	Core i5-3550s	-	All	All	All
Hardware	Intel	Core i5-3570	-	All	All	All
Hardware	Intel	Core i5-3570	-	All	All	All
Hardware	Intel	Core i5-3570k	-	All	All	All
Hardware	Intel	Core i5-3570k	-	All	All	All
Hardware	Intel	Core i5-3570s	-	All	All	All
Hardware	Intel	Core i5-3570s	-	All	All	All
Hardware	Intel	Core i5-3570t	-	All	All	All
Hardware	Intel	Core i5-3570t	-	All	All	All
Hardware	Intel	Core i5-3610me	-	All	All	All
Hardware	Intel	Core i5-3610me	-	All	All	All
Hardware	Intel	Core i5-4200u	-	All	All	All
Hardware	Intel	Core i5-4200u	-	All	All	All
Hardware	Intel	Core i5-4200y	-	All	All	All
Hardware	Intel	Core i5-4200y	-	All	All	All
Hardware	Intel	Core i5-4202y	-	All	All	All
Hardware	Intel	Core i5-4202y	-	All	All	All
Hardware	Intel	Core i5-4210h	-	All	All	All
Hardware	Intel	Core i5-4210h	-	All	All	All
Hardware	Intel	Core i5-4210u	-	All	All	All
Hardware	Intel	Core i5-4210u	-	All	All	All
Hardware	Intel	Core i5-4210y	-	All	All	All
Hardware	Intel	Core i5-4210v	-	All	All	All

Hardware	Intel	Core i5-4210y	-	All	All	All
Hardware	Intel	Core i5-4220y	-	All	All	All
Hardware	Intel	Core i5-4220y	-	All	All	All
Hardware	Intel	Core i5-4250u	-	All	All	All
Hardware	Intel	Core i5-4250u	-	All	All	All
Hardware	Intel	Core i5-4258u	-	All	All	All
Hardware	Intel	Core i5-4258u	-	All	All	All
Hardware	Intel	Core i5-4260u	-	All	All	All
Hardware	Intel	Core i5-4260u	-	All	All	All
Hardware	Intel	Core i5-4278u	-	All	All	All
Hardware	Intel	Core i5-4278u	-	All	All	All
Hardware	Intel	Core i5-4288u	-	All	All	All
Hardware	Intel	Core i5-4288u	-	All	All	All
Hardware	Intel	Core i5-4300u	-	All	All	All
Hardware	Intel	Core i5-4300u	-	All	All	All
Hardware	Intel	Core i5-4300y	-	All	All	All
Hardware	Intel	Core i5-4300y	-	All	All	All
Hardware	Intel	Core i5-4302y	-	All	All	All
Hardware	Intel	Core i5-4302y	-	All	All	All
Hardware	Intel	Core i5-4308u	-	All	All	All
Hardware	Intel	Core i5-4308u	-	All	All	All
Hardware	Intel	Core i5-4350u	-	All	All	All
Hardware	Intel	Core i5-4350u	-	All	All	All
Hardware	Intel	Core i5-4402ec	-	All	All	All
Hardware	Intel	Core i5-4402ec	-	All	All	All
Hardware	Intel	Core i5-4430	-	All	All	All
Hardware	Intel	Core i5-4430	-	All	All	All
Hardware	Intel	Core i5-4430s	-	All	All	All
Hardware	Intel	Core i5-4430s	-	All	All	All
Hardware	Intel	Core i5-4440	-	All	All	All
Hardware	Intel	Core i5-4440	-	All	All	All
Hardware	Intel	Core i5-4440s	-	All	All	All
Hardware	Intel	Core i5-4440s	-	All	All	All
Hardware	Intel	Core i5-4460	-	All	All	All
Hardware	Intel	Core i5-4460	-	All	All	All
Hardware	Intel	Core i5-4460s	-	All	All	All

Hardware	Intel	Core I5-4460s	-	All	All	All
Hardware	Intel	Core I5-4460t	-	All	All	All
Hardware	Intel	Core I5-4460t	-	All	All	All
Hardware	Intel	Core I5-4570	-	All	All	All
Hardware	Intel	Core I5-4570	-	All	All	All
Hardware	Intel	Core I5-4570r	-	All	All	All
Hardware	Intel	Core I5-4570r	-	All	All	All
Hardware	Intel	Core I5-4570s	-	All	All	All
Hardware	Intel	Core I5-4570s	-	All	All	All
Hardware	Intel	Core I5-4570t	-	All	All	All
Hardware	Intel	Core I5-4570t	-	All	All	All
Hardware	Intel	Core I5-4590	-	All	All	All
Hardware	Intel	Core I5-4590	-	All	All	All
Hardware	Intel	Core I5-4590s	-	All	All	All
Hardware	Intel	Core I5-4590s	-	All	All	All
Hardware	Intel	Core I5-4590t	-	All	All	All
Hardware	Intel	Core I5-4590t	-	All	All	All
Hardware	Intel	Core I5-4670	-	All	All	All
Hardware	Intel	Core I5-4670	-	All	All	All
Hardware	Intel	Core I5-4670k	-	All	All	All
Hardware	Intel	Core I5-4670k	-	All	All	All
Hardware	Intel	Core I5-4670r	-	All	All	All
Hardware	Intel	Core I5-4670r	-	All	All	All
Hardware	Intel	Core I5-4670s	-	All	All	All
Hardware	Intel	Core I5-4670s	-	All	All	All
Hardware	Intel	Core I5-4670t	-	All	All	All
Hardware	Intel	Core I5-4670t	-	All	All	All
Hardware	Intel	Core I5-4690	-	All	All	All
Hardware	Intel	Core I5-4690	-	All	All	All
Hardware	Intel	Core I5-4690s	-	All	All	All
Hardware	Intel	Core I5-4690s	-	All	All	All
Hardware	Intel	Core I5-4690t	-	All	All	All
Hardware	Intel	Core I5-4690t	-	All	All	All
Hardware	Intel	Core I5-5200u	-	All	All	All
Hardware	Intel	Core I5-5200u	-	All	All	All

Hardware	Intel	Core I5-5250u	-	All	All	All
Hardware	Intel	Core I5-5250u	-	All	All	All
Hardware	Intel	Core I5-5257u	-	All	All	All
Hardware	Intel	Core I5-5257u	-	All	All	All
Hardware	Intel	Core I5-5287u	-	All	All	All
Hardware	Intel	Core I5-5287u	-	All	All	All
Hardware	Intel	Core I5-5350	-	All	All	All
Hardware	Intel	Core I5-5350	-	All	All	All
Hardware	Intel	Core I5-5350u	-	All	All	All
Hardware	Intel	Core I5-5350u	-	All	All	All
Hardware	Intel	Core I5-5575r	-	All	All	All
Hardware	Intel	Core I5-5575r	-	All	All	All
Hardware	Intel	Core I5-5675c	-	All	All	All
Hardware	Intel	Core I5-5675c	-	All	All	All
Hardware	Intel	Core I5-5675r	-	All	All	All
Hardware	Intel	Core I5-5675r	-	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 i5-6000u	-	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	Intel	Core i5-7210u	-	All	All	All
Hardware	Intel	Core i5-7210u	-	All	All	All
Hardware	Intel	Core i5-7260u	-	All	All	All
Hardware	Intel	Core i5-7260u	-	All	All	All
Hardware	Intel	Core i5-7267u	-	All	All	All
Hardware	Intel	Core i5-7267u	-	All	All	All
Hardware	Intel	Core i5-7287u	-	All	All	All
Hardware	Intel	Core i5-7287u	-	All	All	All
Hardware	Intel	Core i5-7300hq	-	All	All	All
Hardware	Intel	Core i5-7300hq	-	All	All	All
Hardware	Intel	Core i5-7300u	-	All	All	All

Hardware	Intel	Core I5-7300u	-	All	All	All
Hardware	Intel	Core I5-7360u	-	All	All	All
Hardware	Intel	Core I5-7360u	-	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
Hardware	Intel	Core I5-7440eq	-	All	All	All
Hardware	Intel	Core I5-7440eq	-	All	All	All
Hardware	Intel	Core I5-7440hq	-	All	All	All
Hardware	Intel	Core I5-7440hq	-	All	All	All
Hardware	Intel	Core I5-7442eq	-	All	All	All
Hardware	Intel	Core I5-7442eq	-	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
Hardware	Intel	Core I5-7500u	-	All	All	All
Hardware	Intel	Core I5-7500u	-	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
Hardware	Intel	Core I5-7600t	-	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 I5-9400	-	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 I7-10510y	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Hardware	Intel	Core I7-3517u	-	All	All	All
Hardware	Intel	Core I7-3517u	-	All	All	All
Hardware	Intel	Core I7-3517ue	-	All	All	All
Hardware	Intel	Core I7-3517ue	-	All	All	All
Hardware	Intel	Core I7-3520m	-	All	All	All
Hardware	Intel	Core I7-3520m	-	All	All	All
Hardware	Intel	Core I7-3537u	-	All	All	All
Hardware	Intel	Core I7-3537u	-	All	All	All
Hardware	Intel	Core I7-3540m	-	All	All	All
Hardware	Intel	Core I7-3540m	-	All	All	All
Hardware	Intel	Core I7-3555le	-	All	All	All

Hardware	Intel	Core I7-3555le	-	All	All	All
Hardware	Intel	Core I7-3610qe	-	All	All	All
Hardware	Intel	Core I7-3610qe	-	All	All	All
Hardware	Intel	Core I7-3610qm	-	All	All	All
Hardware	Intel	Core I7-3610qm	-	All	All	All
Hardware	Intel	Core I7-3612qe	-	All	All	All
Hardware	Intel	Core I7-3612qe	-	All	All	All
Hardware	Intel	Core I7-3612qm	-	All	All	All
Hardware	Intel	Core I7-3612qm	-	All	All	All
Hardware	Intel	Core I7-3615qe	-	All	All	All
Hardware	Intel	Core I7-3615qe	-	All	All	All
Hardware	Intel	Core I7-3615qm	-	All	All	All
Hardware	Intel	Core I7-3615qm	-	All	All	All
Hardware	Intel	Core I7-3630qm	-	All	All	All
Hardware	Intel	Core I7-3630qm	-	All	All	All
Hardware	Intel	Core I7-3632qm	-	All	All	All
Hardware	Intel	Core I7-3632qm	-	All	All	All
Hardware	Intel	Core I7-3635qm	-	All	All	All
Hardware	Intel	Core I7-3635qm	-	All	All	All
Hardware	Intel	Core I7-3667u	-	All	All	All
Hardware	Intel	Core I7-3667u	-	All	All	All
Hardware	Intel	Core I7-3687u	-	All	All	All
Hardware	Intel	Core I7-3687u	-	All	All	All
Hardware	Intel	Core I7-3689y	-	All	All	All
Hardware	Intel	Core I7-3689y	-	All	All	All
Hardware	Intel	Core I7-3720qm	-	All	All	All
Hardware	Intel	Core I7-3720qm	-	All	All	All
Hardware	Intel	Core I7-3740qm	-	All	All	All
Hardware	Intel	Core I7-3740qm	-	All	All	All
Hardware	Intel	Core I7-3770	-	All	All	All
Hardware	Intel	Core I7-3770	-	All	All	All
Hardware	Intel	Core I7-3770k	-	All	All	All
Hardware	Intel	Core I7-3770k	-	All	All	All
Hardware	Intel	Core I7-3770s	-	All	All	All
Hardware	Intel	Core I7-3770s	-	All	All	All

Hardware	Intel	Core i7-3770t	-	All	All	All
Hardware	Intel	Core i7-3770t	-	All	All	All
Hardware	Intel	Core i7-3820qm	-	All	All	All
Hardware	Intel	Core i7-3820qm	-	All	All	All
Hardware	Intel	Core i7-3840qm	-	All	All	All
Hardware	Intel	Core i7-3840qm	-	All	All	All
Hardware	Intel	Core i7-3920xm	-	All	All	All
Hardware	Intel	Core i7-3920xm	-	All	All	All
Hardware	Intel	Core i7-3940xm	-	All	All	All
Hardware	Intel	Core i7-3940xm	-	All	All	All
Hardware	Intel	Core i7-4500u	-	All	All	All
Hardware	Intel	Core i7-4500u	-	All	All	All
Hardware	Intel	Core i7-4510u	-	All	All	All
Hardware	Intel	Core i7-4510u	-	All	All	All
Hardware	Intel	Core i7-4550u	-	All	All	All
Hardware	Intel	Core i7-4550u	-	All	All	All
Hardware	Intel	Core i7-4558u	-	All	All	All
Hardware	Intel	Core i7-4558u	-	All	All	All
Hardware	Intel	Core i7-4578u	-	All	All	All
Hardware	Intel	Core i7-4578u	-	All	All	All
Hardware	Intel	Core i7-4600u	-	All	All	All
Hardware	Intel	Core i7-4600u	-	All	All	All
Hardware	Intel	Core i7-4610y	-	All	All	All
Hardware	Intel	Core i7-4610y	-	All	All	All
Hardware	Intel	Core i7-4650u	-	All	All	All
Hardware	Intel	Core i7-4650u	-	All	All	All
Hardware	Intel	Core i7-4700ec	-	All	All	All
Hardware	Intel	Core i7-4700ec	-	All	All	All
Hardware	Intel	Core i7-4700eq	-	All	All	All
Hardware	Intel	Core i7-4700eq	-	All	All	All
Hardware	Intel	Core i7-4700hq	-	All	All	All
Hardware	Intel	Core i7-4700hq	-	All	All	All
Hardware	Intel	Core i7-4700mq	-	All	All	All
Hardware	Intel	Core i7-4700mq	-	All	All	All
Hardware	Intel	Core i7-4702ec	-	All	All	All
Hardware	Intel	Core i7-4702ec	-	All	All	All

Hardware	Intel	Core I7-4702hq	-	All	All	All
Hardware	Intel	Core I7-4702hq	-	All	All	All
Hardware	Intel	Core I7-4702mq	-	All	All	All
Hardware	Intel	Core I7-4702mq	-	All	All	All
Hardware	Intel	Core I7-4710hq	-	All	All	All
Hardware	Intel	Core I7-4710hq	-	All	All	All
Hardware	Intel	Core I7-4710mq	-	All	All	All
Hardware	Intel	Core I7-4710mq	-	All	All	All
Hardware	Intel	Core I7-4712hq	-	All	All	All
Hardware	Intel	Core I7-4712hq	-	All	All	All
Hardware	Intel	Core I7-4712mq	-	All	All	All
Hardware	Intel	Core I7-4712mq	-	All	All	All
Hardware	Intel	Core I7-4720hq	-	All	All	All
Hardware	Intel	Core I7-4720hq	-	All	All	All
Hardware	Intel	Core I7-4722hq	-	All	All	All
Hardware	Intel	Core I7-4722hq	-	All	All	All
Hardware	Intel	Core I7-4750hq	-	All	All	All
Hardware	Intel	Core I7-4750hq	-	All	All	All
Hardware	Intel	Core I7-4760hq	-	All	All	All
Hardware	Intel	Core I7-4760hq	-	All	All	All
Hardware	Intel	Core I7-4765t	-	All	All	All
Hardware	Intel	Core I7-4765t	-	All	All	All
Hardware	Intel	Core I7-4770	-	All	All	All
Hardware	Intel	Core I7-4770	-	All	All	All
Hardware	Intel	Core I7-4770hq	-	All	All	All
Hardware	Intel	Core I7-4770hq	-	All	All	All
Hardware	Intel	Core I7-4770k	-	All	All	All
Hardware	Intel	Core I7-4770k	-	All	All	All
Hardware	Intel	Core I7-4770r	-	All	All	All
Hardware	Intel	Core I7-4770r	-	All	All	All
Hardware	Intel	Core I7-4770s	-	All	All	All
Hardware	Intel	Core I7-4770s	-	All	All	All
Hardware	Intel	Core I7-4770t	-	All	All	All
Hardware	Intel	Core I7-4770t	-	All	All	All
Hardware	Intel	Core I7-4771	-	All	All	All

Hardware	Intel	Core i7-4771	-	All	All	All
Hardware	Intel	Core i7-4785t	-	All	All	All
Hardware	Intel	Core i7-4785t	-	All	All	All
Hardware	Intel	Core i7-4790	-	All	All	All
Hardware	Intel	Core i7-4790	-	All	All	All
Hardware	Intel	Core i7-4790s	-	All	All	All
Hardware	Intel	Core i7-4790s	-	All	All	All
Hardware	Intel	Core i7-4790t	-	All	All	All
Hardware	Intel	Core i7-4790t	-	All	All	All
Hardware	Intel	Core i7-4800mq	-	All	All	All
Hardware	Intel	Core i7-4800mq	-	All	All	All
Hardware	Intel	Core i7-4810mq	-	All	All	All
Hardware	Intel	Core i7-4810mq	-	All	All	All
Hardware	Intel	Core i7-4850hq	-	All	All	All
Hardware	Intel	Core i7-4850hq	-	All	All	All
Hardware	Intel	Core i7-4860hq	-	All	All	All
Hardware	Intel	Core i7-4860hq	-	All	All	All
Hardware	Intel	Core i7-4870hq	-	All	All	All
Hardware	Intel	Core i7-4870hq	-	All	All	All
Hardware	Intel	Core i7-4900mq	-	All	All	All
Hardware	Intel	Core i7-4900mq	-	All	All	All
Hardware	Intel	Core i7-4910mq	-	All	All	All
Hardware	Intel	Core i7-4910mq	-	All	All	All
Hardware	Intel	Core i7-4950hq	-	All	All	All
Hardware	Intel	Core i7-4950hq	-	All	All	All
Hardware	Intel	Core i7-4960hq	-	All	All	All
Hardware	Intel	Core i7-4960hq	-	All	All	All
Hardware	Intel	Core i7-4980hq	-	All	All	All
Hardware	Intel	Core i7-4980hq	-	All	All	All
Hardware	Intel	Core i7-5500u	-	All	All	All
Hardware	Intel	Core i7-5500u	-	All	All	All
Hardware	Intel	Core i7-5550u	-	All	All	All
Hardware	Intel	Core i7-5550u	-	All	All	All
Hardware	Intel	Core i7-5557u	-	All	All	All
Hardware	Intel	Core i7-5557u	-	All	All	All
Hardware	Intel	Core i7-5500	-	All	All	All

Hardware	Intel	Core I7-5600u	-	All	All	All
Hardware	Intel	Core I7-5600u	-	All	All	All
Hardware	Intel	Core I7-5650u	-	All	All	All
Hardware	Intel	Core I7-5650u	-	All	All	All
Hardware	Intel	Core I7-5700eq	-	All	All	All
Hardware	Intel	Core I7-5700eq	-	All	All	All
Hardware	Intel	Core I7-5700hq	-	All	All	All
Hardware	Intel	Core I7-5700hq	-	All	All	All
Hardware	Intel	Core I7-5750hq	-	All	All	All
Hardware	Intel	Core I7-5750hq	-	All	All	All
Hardware	Intel	Core I7-5775c	-	All	All	All
Hardware	Intel	Core I7-5775c	-	All	All	All
Hardware	Intel	Core I7-5775r	-	All	All	All
Hardware	Intel	Core I7-5775r	-	All	All	All
Hardware	Intel	Core I7-5850eq	-	All	All	All
Hardware	Intel	Core I7-5850eq	-	All	All	All
Hardware	Intel	Core I7-5850hq	-	All	All	All
Hardware	Intel	Core I7-5850hq	-	All	All	All
Hardware	Intel	Core I7-5950hq	-	All	All	All
Hardware	Intel	Core I7-5950hq	-	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 I7-7660u	-	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 i7-7820eq	-	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 i7-7920hq	-	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 i7-8565u	-	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 i7-8700	-	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 i7-8809g	-	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 i7-9850h	-	All	All	All
Hardware	Intel	Core i7-9850h	-	All	All	All

Hardware	Intel	Core I9-8950hk	-	All	All	All
Hardware	Intel	Core I9-8950hk	-	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 I9-9980hk	-	All	All	All
Hardware	Intel	Core I9-9980hk	-	All	All	All
Hardware	Intel	Core M-5y10	-	All	All	All
Hardware	Intel	Core M-5y10	-	All	All	All
Hardware	Intel	Core M-5y10a	-	All	All	All
Hardware	Intel	Core M-5y10a	-	All	All	All
Hardware	Intel	Core M-5y10c	-	All	All	All
Hardware	Intel	Core M-5y10c	-	All	All	All
Hardware	Intel	Core M-5y3	-	All	All	All
Hardware	Intel	Core M-5y3	-	All	All	All
Hardware	Intel	Core M-5y51	-	All	All	All
Hardware	Intel	Core M-5y51	-	All	All	All
Hardware	Intel	Core M-5y70	-	All	All	All
Hardware	Intel	Core M-5y70	-	All	All	All
Hardware	Intel	Core M-5y71	-	All	All	All
Hardware	Intel	Core M-5y71	-	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
Hardware	Intel	Pentium 1405 V2	-	All	All	All
Hardware	Intel	Pentium 1405 V2	-	All	All	All
Hardware	Intel	Pentium 2020m V2	-	All	All	All
Hardware	Intel	Pentium 2020m V2	-	All	All	All
Hardware	Intel	Pentium 2030m V2	-	All	All	All
Hardware	Intel	Pentium 2030m V2	-	All	All	All
Hardware	Intel	Pentium 2117u V2	-	All	All	All
Hardware	Intel	Pentium 2117u V2	-	All	All	All
Hardware	Intel	Pentium 2127u V2	-	All	All	All
Hardware	Intel	Pentium 2127u V2	-	All	All	All
Hardware	Intel	Pentium 2129y V2	-	All	All	All
Hardware	Intel	Pentium 2129y V2	-	All	All	All
Hardware	Intel	Pentium 3205u	-	All	All	All
Hardware	Intel	Pentium 3205u	-	All	All	All
Hardware	Intel	Pentium 3215u	-	All	All	All
Hardware	Intel	Pentium 3215u	-	All	All	All
Hardware	Intel	Pentium 3556u	-	All	All	All
Hardware	Intel	Pentium 3556u	-	All	All	All
Hardware	Intel	Pentium 3558u	-	All	All	All
Hardware	Intel	Pentium 3558u	-	All	All	All
Hardware	Intel	Pentium 3560m	-	All	All	All
Hardware	Intel	Pentium 3560m	-	All	All	All
Hardware	Intel	Pentium 3560y	-	All	All	All
Hardware	Intel	Pentium 3560y	-	All	All	All
Hardware	Intel	Pentium 3561y	-	All	All	All
Hardware	Intel	Pentium 3561y	-	All	All	All
Hardware	Intel	Pentium 3665u	-	All	All	All
Hardware	Intel	Pentium 3665u	-	All	All	All
Hardware	Intel	Pentium 3765u	-	All	All	All
Hardware	Intel	Pentium 3765u	-	All	All	All
Hardware	Intel	Pentium 3805u	-	All	All	All
Hardware	Intel	Pentium 3805u	-	All	All	All
Hardware	Intel	Pentium 3825u	-	All	All	All
Hardware	Intel	Pentium 3825u	-	All	All	All
Hardware	Intel	Pentium 4405u	-	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 4415u	-	All	All	All
Hardware	Intel	Pentium 4415u	-	All	All	All
Hardware	Intel	Pentium A1018 V2	-	All	All	All
Hardware	Intel	Pentium A1018 V2	-	All	All	All
Hardware	Intel	Pentium B915c	-	All	All	All
Hardware	Intel	Pentium B915c	-	All	All	All
Hardware	Intel	Pentium B925c	-	All	All	All
Hardware	Intel	Pentium B925c	-	All	All	All
Hardware	Intel	Pentium G2010 V2	-	All	All	All
Hardware	Intel	Pentium G2010 V2	-	All	All	All
Hardware	Intel	Pentium G2020t V2	-	All	All	All
Hardware	Intel	Pentium G2020t V2	-	All	All	All
Hardware	Intel	Pentium G2020 V2	-	All	All	All
Hardware	Intel	Pentium G2020 V2	-	All	All	All
Hardware	Intel	Pentium G2030t V2	-	All	All	All
Hardware	Intel	Pentium G2030t V2	-	All	All	All
Hardware	Intel	Pentium G2030 V2	-	All	All	All
Hardware	Intel	Pentium G2030 V2	-	All	All	All
Hardware	Intel	Pentium G2100t V2	-	All	All	All
Hardware	Intel	Pentium G2100t V2	-	All	All	All
Hardware	Intel	Pentium G2120t V2	-	All	All	All
Hardware	Intel	Pentium G2120t V2	-	All	All	All
Hardware	Intel	Pentium G2120 V2	-	All	All	All
Hardware	Intel	Pentium G2120 V2	-	All	All	All
Hardware	Intel	Pentium G2130 V2	-	All	All	All
Hardware	Intel	Pentium G2130 V2	-	All	All	All
Hardware	Intel	Pentium G2140 V2	-	All	All	All
Hardware	Intel	Pentium G2140 V2	-	All	All	All
Hardware	Intel	Pentium G3220	-	All	All	All
Hardware	Intel	Pentium G3220	-	All	All	All
Hardware	Intel	Pentium G3220t	-	All	All	All
Hardware	Intel	Pentium G3220t	-	All	All	All

Hardware	Intel	Pentium G3240	-	All	All	All
Hardware	Intel	Pentium G3240	-	All	All	All
Hardware	Intel	Pentium G3240t	-	All	All	All
Hardware	Intel	Pentium G3240t	-	All	All	All
Hardware	Intel	Pentium G3250	-	All	All	All
Hardware	Intel	Pentium G3250	-	All	All	All
Hardware	Intel	Pentium G3250t	-	All	All	All
Hardware	Intel	Pentium G3250t	-	All	All	All
Hardware	Intel	Pentium G3258	-	All	All	All
Hardware	Intel	Pentium G3258	-	All	All	All
Hardware	Intel	Pentium G3260	-	All	All	All
Hardware	Intel	Pentium G3260	-	All	All	All
Hardware	Intel	Pentium G3260t	-	All	All	All
Hardware	Intel	Pentium G3260t	-	All	All	All
Hardware	Intel	Pentium G3420	-	All	All	All
Hardware	Intel	Pentium G3420	-	All	All	All
Hardware	Intel	Pentium G3420t	-	All	All	All
Hardware	Intel	Pentium G3420t	-	All	All	All
Hardware	Intel	Pentium G3430	-	All	All	All
Hardware	Intel	Pentium G3430	-	All	All	All
Hardware	Intel	Pentium G3440	-	All	All	All
Hardware	Intel	Pentium G3440	-	All	All	All
Hardware	Intel	Pentium G3440t	-	All	All	All
Hardware	Intel	Pentium G3440t	-	All	All	All
Hardware	Intel	Pentium G3450	-	All	All	All
Hardware	Intel	Pentium G3450	-	All	All	All
Hardware	Intel	Pentium G3450t	-	All	All	All
Hardware	Intel	Pentium G3450t	-	All	All	All
Hardware	Intel	Pentium G3460	-	All	All	All
Hardware	Intel	Pentium G3460	-	All	All	All
Hardware	Intel	Pentium G3460t	-	All	All	All
Hardware	Intel	Pentium G3460t	-	All	All	All
Hardware	Intel	Pentium G3470	-	All	All	All
Hardware	Intel	Pentium G3470	-	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 G5400	-	All	All	All
Hardware	Intel	Pentium G5400	-	All	All	All
Hardware	Intel	Pentium G5400t	-	All	All	All
Hardware	Intel	Pentium G5400t	-	All	All	All
Hardware	Intel	Pentium G5420	-	All	All	All
Hardware	Intel	Pentium G5420	-	All	All	All
Hardware	Intel	Pentium G5420t	-	All	All	All
Hardware	Intel	Pentium G5420t	-	All	All	All
Hardware	Intel	Pentium G5500	-	All	All	All
Hardware	Intel	Pentium G5500	-	All	All	All
Hardware	Intel	Pentium G5500t	-	All	All	All
Hardware	Intel	Pentium G5500t	-	All	All	All
Hardware	Intel	Pentium G5600	-	All	All	All
Hardware	Intel	Pentium G5600	-	All	All	All
Hardware	Intel	Pentium Gold 6405u	-	All	All	All
Hardware	Intel	Pentium Gold 6405u	-	All	All	All
Hardware	Intel	Xeon F-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-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 E3-1105c	-	All	All	All
Hardware	Intel	Xeon E3-1105c	-	All	All	All
Hardware	Intel	Xeon E3-1105c V2	-	All	All	All

Hardware	Intel	Xeon E3-1105c V2	-	All	All	All
Hardware	Intel	Xeon E3-1125c	-	All	All	All
Hardware	Intel	Xeon E3-1125c	-	All	All	All
Hardware	Intel	Xeon E3-1125c V2	-	All	All	All
Hardware	Intel	Xeon E3-1125c V2	-	All	All	All
Hardware	Intel	Xeon E3-1220I V2	-	All	All	All
Hardware	Intel	Xeon E3-1220I V2	-	All	All	All
Hardware	Intel	Xeon E3-1220I V3	-	All	All	All
Hardware	Intel	Xeon E3-1220I V3	-	All	All	All
Hardware	Intel	Xeon E3-1220 V2	-	All	All	All
Hardware	Intel	Xeon E3-1220 V2	-	All	All	All
Hardware	Intel	Xeon E3-1220 V3	-	All	All	All
Hardware	Intel	Xeon E3-1220 V3	-	All	All	All
Hardware	Intel	Xeon E3-1220 V5	-	All	All	All
Hardware	Intel	Xeon E3-1220 V5	-	All	All	All
Hardware	Intel	Xeon E3-1220 V6	-	All	All	All
Hardware	Intel	Xeon E3-1220 V6	-	All	All	All
Hardware	Intel	Xeon E3-1221 V3	-	All	All	All
Hardware	Intel	Xeon E3-1221 V3	-	All	All	All
Hardware	Intel	Xeon E3-1225 V2	-	All	All	All
Hardware	Intel	Xeon E3-1225 V2	-	All	All	All
Hardware	Intel	Xeon E3-1225 V3	-	All	All	All
Hardware	Intel	Xeon E3-1225 V3	-	All	All	All
Hardware	Intel	Xeon E3-1225 V5	-	All	All	All
Hardware	Intel	Xeon E3-1225 V5	-	All	All	All
Hardware	Intel	Xeon E3-1225 V6	-	All	All	All
Hardware	Intel	Xeon E3-1225 V6	-	All	All	All
Hardware	Intel	Xeon E3-1226 V3	-	All	All	All
Hardware	Intel	Xeon E3-1226 V3	-	All	All	All
Hardware	Intel	Xeon E3-1230I V3	-	All	All	All
Hardware	Intel	Xeon E3-1230I V3	-	All	All	All
Hardware	Intel	Xeon E3-1230 V2	-	All	All	All
Hardware	Intel	Xeon E3-1230 V2	-	All	All	All
Hardware	Intel	Xeon E3-1230 V3	-	All	All	All
Hardware	Intel	Xeon E3-1230 V3	-	All	All	All
Hardware	Intel	Xeon E3-1230 V5	-	All	All	All

Hardware	Intel	Xeon E3-1230 V5	-	All	All	All
Hardware	Intel	Xeon E3-1230 V6	-	All	All	All
Hardware	Intel	Xeon E3-1230 V6	-	All	All	All
Hardware	Intel	Xeon E3-1231 V3	-	All	All	All
Hardware	Intel	Xeon E3-1231 V3	-	All	All	All
Hardware	Intel	Xeon E3-1235I V5	-	All	All	All
Hardware	Intel	Xeon E3-1235I V5	-	All	All	All
Hardware	Intel	Xeon E3-1235 V2	-	All	All	All
Hardware	Intel	Xeon E3-1235 V2	-	All	All	All
Hardware	Intel	Xeon E3-1240I V3	-	All	All	All
Hardware	Intel	Xeon E3-1240I V3	-	All	All	All
Hardware	Intel	Xeon E3-1240I V5	-	All	All	All
Hardware	Intel	Xeon E3-1240I V5	-	All	All	All
Hardware	Intel	Xeon E3-1240 V2	-	All	All	All
Hardware	Intel	Xeon E3-1240 V2	-	All	All	All
Hardware	Intel	Xeon E3-1240 V3	-	All	All	All
Hardware	Intel	Xeon E3-1240 V3	-	All	All	All
Hardware	Intel	Xeon E3-1240 V5	-	All	All	All
Hardware	Intel	Xeon E3-1240 V5	-	All	All	All
Hardware	Intel	Xeon E3-1240 V6	-	All	All	All
Hardware	Intel	Xeon E3-1240 V6	-	All	All	All
Hardware	Intel	Xeon E3-1241 V3	-	All	All	All
Hardware	Intel	Xeon E3-1241 V3	-	All	All	All
Hardware	Intel	Xeon E3-1245 V2	-	All	All	All
Hardware	Intel	Xeon E3-1245 V2	-	All	All	All
Hardware	Intel	Xeon E3-1245 V3	-	All	All	All
Hardware	Intel	Xeon E3-1245 V3	-	All	All	All
Hardware	Intel	Xeon E3-1245 V5	-	All	All	All
Hardware	Intel	Xeon E3-1245 V5	-	All	All	All
Hardware	Intel	Xeon E3-1245 V6	-	All	All	All
Hardware	Intel	Xeon E3-1245 V6	-	All	All	All
Hardware	Intel	Xeon E3-1246 V3	-	All	All	All
Hardware	Intel	Xeon E3-1246 V3	-	All	All	All
Hardware	Intel	Xeon E3-1258I V4	-	All	All	All
Hardware	Intel	Xeon E3-1258I V4	-	All	All	All

Hardware	Intel	Xeon E3-1260I V5	-	All	All	All
Hardware	Intel	Xeon E3-1260I V5	-	All	All	All
Hardware	Intel	Xeon E3-1265I	-	All	All	All
Hardware	Intel	Xeon E3-1265I	-	All	All	All
Hardware	Intel	Xeon E3-1265I V2	-	All	All	All
Hardware	Intel	Xeon E3-1265I V2	-	All	All	All
Hardware	Intel	Xeon E3-1265I V4	-	All	All	All
Hardware	Intel	Xeon E3-1265I V4	-	All	All	All
Hardware	Intel	Xeon E3-1268I V3	-	All	All	All
Hardware	Intel	Xeon E3-1268I V3	-	All	All	All
Hardware	Intel	Xeon E3-1268I V5	-	All	All	All
Hardware	Intel	Xeon E3-1268I V5	-	All	All	All
Hardware	Intel	Xeon E3-1270	-	All	All	All
Hardware	Intel	Xeon E3-1270	-	All	All	All
Hardware	Intel	Xeon E3-1270 V2	-	All	All	All
Hardware	Intel	Xeon E3-1270 V2	-	All	All	All
Hardware	Intel	Xeon E3-1270 V5	-	All	All	All
Hardware	Intel	Xeon E3-1270 V5	-	All	All	All
Hardware	Intel	Xeon E3-1270 V6	-	All	All	All
Hardware	Intel	Xeon E3-1270 V6	-	All	All	All
Hardware	Intel	Xeon E3-1271 V3	-	All	All	All
Hardware	Intel	Xeon E3-1271 V3	-	All	All	All
Hardware	Intel	Xeon E3-1275I V3	-	All	All	All
Hardware	Intel	Xeon E3-1275I V3	-	All	All	All
Hardware	Intel	Xeon E3-1275 V2	-	All	All	All
Hardware	Intel	Xeon E3-1275 V2	-	All	All	All
Hardware	Intel	Xeon E3-1275 V3	-	All	All	All
Hardware	Intel	Xeon E3-1275 V3	-	All	All	All
Hardware	Intel	Xeon E3-1275 V5	-	All	All	All
Hardware	Intel	Xeon E3-1275 V5	-	All	All	All
Hardware	Intel	Xeon E3-1275 V6	-	All	All	All
Hardware	Intel	Xeon E3-1275 V6	-	All	All	All
Hardware	Intel	Xeon E3-1276 V3	-	All	All	All
Hardware	Intel	Xeon E3-1276 V3	-	All	All	All
Hardware	Intel	Xeon E3-1278I V4	-	All	All	All

Hardware	Intel	Xeon E3-1278l V4	-	All	All	All
Hardware	Intel	Xeon E3-1280 V2	-	All	All	All
Hardware	Intel	Xeon E3-1280 V2	-	All	All	All
Hardware	Intel	Xeon E3-1280 V3	-	All	All	All
Hardware	Intel	Xeon E3-1280 V3	-	All	All	All
Hardware	Intel	Xeon E3-1280 V5	-	All	All	All
Hardware	Intel	Xeon E3-1280 V5	-	All	All	All
Hardware	Intel	Xeon E3-1280 V6	-	All	All	All
Hardware	Intel	Xeon E3-1280 V6	-	All	All	All
Hardware	Intel	Xeon E3-1281 V3	-	All	All	All
Hardware	Intel	Xeon E3-1281 V3	-	All	All	All
Hardware	Intel	Xeon E3-1285l V3	-	All	All	All
Hardware	Intel	Xeon E3-1285l V3	-	All	All	All
Hardware	Intel	Xeon E3-1285 V3	-	All	All	All
Hardware	Intel	Xeon E3-1285 V3	-	All	All	All
Hardware	Intel	Xeon E3-1285 V4	-	All	All	All
Hardware	Intel	Xeon E3-1285 V4	-	All	All	All
Hardware	Intel	Xeon E3-1285 V6	-	All	All	All
Hardware	Intel	Xeon E3-1285 V6	-	All	All	All
Hardware	Intel	Xeon E3-1286l V3	-	All	All	All
Hardware	Intel	Xeon E3-1286l V3	-	All	All	All
Hardware	Intel	Xeon E3-1286 V3	-	All	All	All
Hardware	Intel	Xeon E3-1286 V3	-	All	All	All
Hardware	Intel	Xeon E3-1290 V2	-	All	All	All
Hardware	Intel	Xeon E3-1290 V2	-	All	All	All
Hardware	Intel	Xeon E3-1501l V6	-	All	All	All
Hardware	Intel	Xeon E3-1501l V6	-	All	All	All
Hardware	Intel	Xeon E3-1501m V6	-	All	All	All
Hardware	Intel	Xeon E3-1501m V6	-	All	All	All
Hardware	Intel	Xeon E3-1505l V5	-	All	All	All
Hardware	Intel	Xeon E3-1505l V5	-	All	All	All
Hardware	Intel	Xeon E3-1505l V6	-	All	All	All
Hardware	Intel	Xeon E3-1505l V6	-	All	All	All
Hardware	Intel	Xeon E3-1505m V5	-	All	All	All
Hardware	Intel	Xeon E3-1505m V5	-	All	All	All
Hardware	Intel	Xeon E3-1505m V6	-	All	All	All

Hardware	Intel	Xeon E3-1505m V6	-	All	All	All
Hardware	Intel	Xeon E3-1515m V5	-	All	All	All
Hardware	Intel	Xeon E3-1515m V5	-	All	All	All
Hardware	Intel	Xeon E3-1535m V5	-	All	All	All
Hardware	Intel	Xeon E3-1535m V5	-	All	All	All
Hardware	Intel	Xeon E3-1535m V6	-	All	All	All
Hardware	Intel	Xeon E3-1535m V6	-	All	All	All
Hardware	Intel	Xeon E3-1545m V5	-	All	All	All
Hardware	Intel	Xeon E3-1545m V5	-	All	All	All
Hardware	Intel	Xeon E3-1558l V5	-	All	All	All
Hardware	Intel	Xeon E3-1558l V5	-	All	All	All
Hardware	Intel	Xeon E3-1565l V5	-	All	All	All
Hardware	Intel	Xeon E3-1565l V5	-	All	All	All
Hardware	Intel	Xeon E3-1575m V5	-	All	All	All
Hardware	Intel	Xeon E3-1575m V5	-	All	All	All
Hardware	Intel	Xeon E3-1578l V5	-	All	All	All
Hardware	Intel	Xeon E3-1578l V5	-	All	All	All
Hardware	Intel	Xeon E3-1585l V5	-	All	All	All
Hardware	Intel	Xeon E3-1585l V5	-	All	All	All
Hardware	Intel	Xeon E3-1585 V5	-	All	All	All
Hardware	Intel	Xeon E3-1585 V5	-	All	All	All
Application	Mcafee	Threat Intelligence Exchange Server	3.0.0	All	All	All
Application	Mcafee	Threat Intelligence Exchange Server	All	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Hardware	Siemens	Simatic Field Pg M4	-	All	All	All
Operating System	Siemens	Simatic Field Pg M4 Firmware	All	All	All	All
Hardware	Siemens	Simatic Field Pg M5	-	All	All	All
Operating System	Siemens	Simatic Field Pg M5 Firmware	All	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 Ipc3000 Smart	2.0	All	All	All
Operating System	Siemens	Simatic Ipc3000 Smart Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc347e	-	All	All	All

Operating System	Siemens	Simatic Ipc347e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc427d	-	All	All	All
Operating System	Siemens	Simatic Ipc427d Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc427e	-	All	All	All
Operating System	Siemens	Simatic Ipc427e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc477d	-	All	All	All
Operating System	Siemens	Simatic Ipc477d Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc477e	-	All	All	All
Operating System	Siemens	Simatic Ipc477e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc477e Pro	-	All	All	All
Operating System	Siemens	Simatic Ipc477e Pro Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc527g	-	All	All	All
Operating System	Siemens	Simatic Ipc527g Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc547e	-	All	All	All
Operating System	Siemens	Simatic Ipc547e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc547g	-	All	All	All
Operating System	Siemens	Simatic Ipc547g Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc627d	-	All	All	All
Operating System	Siemens	Simatic Ipc627d 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 Ipc647d	-	All	All	All
Operating System	Siemens	Simatic Ipc647d 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 Ipc677d	-	All	All	All
Operating System	Siemens	Simatic Ipc677d 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 Ipc827d	-	All	All	All
Operating System	Siemens	Simatic Ipc827d Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc847d	-	All	All	All
Operating System	Siemens	Simatic Ipc847d Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc847e	-	All	All	All
Operating System	Siemens	Simatic Ipc847e Firmware	All	All	All	All

Hardware	Siemens	Simatic Itp1000	-	All	All	All
Operating System	Siemens	Simatic Itp1000 Firmware	All	All	All	All
Hardware	Siemens	Simotion P320-4e	-	All	All	All
Operating System	Siemens	Simotion P320-4e Firmware	All	All	All	All
Hardware	Siemens	Simotion P320-4s	-	All	All	All
Operating System	Siemens	Simotion P320-4s Firmware	All	All	All	All

References

Reference

USN-4388-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu

cert-portal.siemens.com/productcert/pdf/ssa-534763.pdf

McAfee Security Bulletin - Threat Intelligence Exchange Server update fixes five third-party vulnerabilities (CVE-2019-3738, CVE-2020-0543, CVE-2020-0544, CVE-2020-0545, CVE-2020-0546)

[security-announce] openSUSE-SU-2020:0985-1: important: Security update

[SECURITY] Fedora 32 Update: microcode_ctl-2.1-39.3.fc32 - package-announce - Fedora Mailing-Lists

USN-4393-1: Linux kernel vulnerabilities | Ubuntu security notices

[SECURITY] Fedora 31 Update: kernel-headers-5.6.18-200.fc31 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 32 Update: microcode_ctl-2.1-39.3.fc32 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 31 Update: microcode_ctl-2.1-39.fc31 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 32 Update: microcode_ctl-2.1-39.fc32 - package-announce - Fedora Mailing-Lists

USN-4391-1: Linux kernel vulnerabilities | Ubuntu security notices

[SECURITY] Fedora 32 Update: microcode_ctl-2.1-39.fc32 - package-announce - Fedora Mailing-Lists

[security-announce] openSUSE-SU-2020:0818-1: important: Security update

USN-4392-1: Linux kernel vulnerabilities | Ubuntu security notices

INTEL-SA-00320

[security-announce] openSUSE-SU-2020:0965-1: important: Security update

USN-4390-1: Linux kernel vulnerabilities | Ubuntu security notices

[SECURITY] Fedora 31 Update: microcode_ctl-2.1-39.fc31 - package-announce - Fedora Mailing-Lists

USN-4385-1: Intel Microcode vulnerabilities | Ubuntu security notices | Ubuntu

USN-4389-1: Linux kernel vulnerabilities | Ubuntu security notices

[SECURITY] Fedora 31 Update: kernel-headers-5.6.18-200.fc31 - package-announce - Fedora Mailing-Lists

USN-4387-1: Linux kernel vulnerabilities | Ubuntu security notices

oss-security - Flatcar membership on the linux-distros list

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159327 Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3027)
159328 Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3028)
174983 SUSE Enterprise Linux Security Update for sca-patterns-sle11 (SUSE-SU-2021:1497-1)
198943 Ubuntu Security Notification for Xen Vulnerabilities (USN-5617-1)
239533 Red Hat Update for microcode_ctl (RHSA-2021:3029)
239534 Red Hat Update for microcode_ctl (RHSA-2021:3028)
239535 Red Hat Update for microcode_ctl (RHSA-2021:3027)
239569 Red Hat Update for microcode_ctl (RHSA-2021:3176)
239598 Red Hat Update for microcode_ctl (RHSA-2021:3364)
257102 CentOS Security Update for microcode_ctl (CESA-2021:3028)
352300 Amazon Linux Security Advisory for kernel: ALAC2012-2020-020
353139 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-012
377038 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0198)
377088 Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2021:0047)
377112 Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX3-SA-2021:0057)
377551 Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2020:0098)
378879 Citrix XenServer Security Updates (CTX275165)
390265 Oracle Managed Virtualization (VM) Server for x86 Security Update for microcode_ctl (OVMSA-2022-0020)
500789 Alpine Linux Security Update for xen
501509 Alpine Linux Security Update for xen
504533 Alpine Linux Security Update for xen
670185 EulerOS Security Update for kernel (EulerOS-SA-2021-1684)
690390 Free Berkeley Software Distribution (FreeBSD) Security Update for intel cpu issues (fbcba194-ac7d-11ea-8b5e-b42e99a1b9c3)
750376 OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)
940391 AlmaLinux Security Update for microcode_ctl (ALSA-2021:3027)
960737 Rocky Linux Security Update for microcode_ctl (RLSA-2021:3027)

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