



# CVE-2020-12357

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

## Summary

<b>CVE</b>	CVE-2020-12357
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@intel.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-06-09 19:15:00 UTC
<b>Updated</b>	2022-04-22 16:19:00 UTC
<b>Description</b>	Improper initialization in the firmware for some Intel(R) Processors may allow a privileged user to potentially enable escalati

## Risk And Classification

**Problem Types:** CWE-665

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Intel	Bios	-	All	All	All
Hardware	Intel	Core I3-I13g4	-	All	All	All
Hardware	Intel	Core I5-I16g7	-	All	All	All
Hardware	Intel	Core I7-10510u	-	All	All	All
Hardware	Intel	Core I7-10510y	-	All	All	All
Hardware	Intel	Core I7-1060g7	-	All	All	All
Hardware	Intel	Core I7-1060ng7	-	All	All	All
Hardware	Intel	Core I7-10610u	-	All	All	All
Hardware	Intel	Core I7-1065g7	-	All	All	All
Hardware	Intel	Core I7-1068ng7	-	All	All	All
Hardware	Intel	Core I7-10700	-	All	All	All
Hardware	Intel	Core I7-10700e	-	All	All	All
Hardware	Intel	Core I7-10700f	-	All	All	All
Hardware	Intel	Core I7-10700k	-	All	All	All
Hardware	Intel	Core I7-10700kf	-	All	All	All
Hardware	Intel	Core I7-10700t	-	All	All	All
Hardware	Intel	Core I7-10700te	-	All	All	All

Hardware	Intel	Core I7-10710u	-	All	All	All
Hardware	Intel	Core I7-10750h	-	All	All	All
Hardware	Intel	Core I7-10810u	-	All	All	All
Hardware	Intel	Core I7-10850h	-	All	All	All
Hardware	Intel	Core I7-10870h	-	All	All	All
Hardware	Intel	Core I7-10875h	-	All	All	All
Hardware	Intel	Core I7-11370h	-	All	All	All
Hardware	Intel	Core I7-11375h	-	All	All	All
Hardware	Intel	Core I7-1160g7	-	All	All	All
Hardware	Intel	Core I7-1165g7	-	All	All	All
Hardware	Intel	Core I7-11700	-	All	All	All
Hardware	Intel	Core I7-11700b	-	All	All	All
Hardware	Intel	Core I7-11700f	-	All	All	All
Hardware	Intel	Core I7-11700k	-	All	All	All
Hardware	Intel	Core I7-11700kf	-	All	All	All
Hardware	Intel	Core I7-11700t	-	All	All	All
Hardware	Intel	Core I7-11800h	-	All	All	All
Hardware	Intel	Core I7-1180g7	-	All	All	All
Hardware	Intel	Core I7-11850h	-	All	All	All
Hardware	Intel	Core I7-1185g7	-	All	All	All
Hardware	Intel	Core I7-1185g7e	-	All	All	All
Hardware	Intel	Core I7-1185gre	-	All	All	All
Hardware	Intel	Core I7-1195g7	-	All	All	All
Hardware	Intel	Core I7-6498du	-	All	All	All
Hardware	Intel	Core I7-6500u	-	All	All	All
Hardware	Intel	Core I7-6560u	-	All	All	All
Hardware	Intel	Core I7-6567u	-	All	All	All
Hardware	Intel	Core I7-6600u	-	All	All	All
Hardware	Intel	Core I7-6650u	-	All	All	All
Hardware	Intel	Core I7-6660u	-	All	All	All
Hardware	Intel	Core I7-6700	-	All	All	All
Hardware	Intel	Core I7-6700hq	-	All	All	All
Hardware	Intel	Core I7-6700k	-	All	All	All
Hardware	Intel	Core I7-6700t	-	All	All	All
Hardware	Intel	Core I7-6700te	-	All	All	All



Hardware	Intel	Core I7-8700k	-	All	All	All
Hardware	Intel	Core I7-8700t	-	All	All	All
Hardware	Intel	Core I7-8705g	-	All	All	All
Hardware	Intel	Core I7-8706g	-	All	All	All
Hardware	Intel	Core I7-8709g	-	All	All	All
Hardware	Intel	Core I7-8750h	-	All	All	All
Hardware	Intel	Core I7-8809g	-	All	All	All
Hardware	Intel	Core I7-8850h	-	All	All	All
Hardware	Intel	Core I9-10900x	-	All	All	All
Hardware	Intel	Core I9-10920x	-	All	All	All
Hardware	Intel	Core I9-10940x	-	All	All	All
Hardware	Intel	Core I9-10980xe	-	All	All	All
Hardware	Intel	Xeon Bronze 3104	-	All	All	All
Hardware	Intel	Xeon Bronze 3106	-	All	All	All
Hardware	Intel	Xeon Bronze 3204	-	All	All	All
Hardware	Intel	Xeon Bronze 3206r	-	All	All	All
Hardware	Intel	Xeon D-1513n	-	All	All	All
Hardware	Intel	Xeon D-1518	-	All	All	All
Hardware	Intel	Xeon D-1520	-	All	All	All
Hardware	Intel	Xeon D-1521	-	All	All	All
Hardware	Intel	Xeon D-1523n	-	All	All	All
Hardware	Intel	Xeon D-1524n	-	All	All	All
Hardware	Intel	Xeon D-1527	-	All	All	All
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Hardware	Intel	Xeon D-1531	-	All	All	All
Hardware	Intel	Xeon D-1533n	-	All	All	All
Hardware	Intel	Xeon D-1537	-	All	All	All
Hardware	Intel	Xeon D-1539	-	All	All	All
Hardware	Intel	Xeon D-1540	-	All	All	All
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Hardware	Intel	Xeon D-1543n	-	All	All	All
Hardware	Intel	Xeon D-1548	-	All	All	All
Hardware	Intel	Xeon D-1553n	-	All	All	All
Hardware	Intel	Xeon D-1557	-	All	All	All
Hardware	Intel	Xeon D-1559	-	All	All	All

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Hardware	Intel	Xeon D-1567	-	All	All	All
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Hardware	Intel	Xeon D-1573n	-	All	All	All
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Hardware	Intel	Xeon D-1581	-	All	All	All
Hardware	Intel	Xeon D-1587	-	All	All	All
Hardware	Intel	Xeon D-1602	-	All	All	All
Hardware	Intel	Xeon D-1612	-	All	All	All
Hardware	Intel	Xeon D-1622	-	All	All	All
Hardware	Intel	Xeon D-1623n	-	All	All	All
Hardware	Intel	Xeon D-1627	-	All	All	All
Hardware	Intel	Xeon D-1632	-	All	All	All
Hardware	Intel	Xeon D-1633n	-	All	All	All
Hardware	Intel	Xeon D-1637	-	All	All	All
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Hardware	Intel	Xeon D-2123it	-	All	All	All
Hardware	Intel	Xeon D-2141i	-	All	All	All
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Hardware	Intel	Xeon D-2145nt	-	All	All	All
Hardware	Intel	Xeon D-2146nt	-	All	All	All
Hardware	Intel	Xeon D-2161i	-	All	All	All
Hardware	Intel	Xeon D-2163it	-	All	All	All
Hardware	Intel	Xeon D-2166nt	-	All	All	All
Hardware	Intel	Xeon D-2173it	-	All	All	All
Hardware	Intel	Xeon D-2177nt	-	All	All	All
Hardware	Intel	Xeon D-2183it	-	All	All	All
Hardware	Intel	Xeon D-2187nt	-	All	All	All
Hardware	Intel	Xeon D-2191	-	All	All	All
Hardware	Intel	Xeon E-2104g	-	All	All	All
Hardware	Intel	Xeon E-2124	-	All	All	All
Hardware	Intel	Xeon E-2124g	-	All	All	All
Hardware	Intel	Xeon E-2126g	-	All	All	All

Hardware	Intel	Xeon E-2134	-	All	All	All
Hardware	Intel	Xeon E-2136	-	All	All	All
Hardware	Intel	Xeon E-2144g	-	All	All	All
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Hardware	Intel	Xeon E-2174g	-	All	All	All
Hardware	Intel	Xeon E-2176g	-	All	All	All
Hardware	Intel	Xeon E-2176m	-	All	All	All
Hardware	Intel	Xeon E-2186g	-	All	All	All
Hardware	Intel	Xeon E-2186m	-	All	All	All
Hardware	Intel	Xeon E-2224	-	All	All	All
Hardware	Intel	Xeon E-2224g	-	All	All	All
Hardware	Intel	Xeon E-2226g	-	All	All	All
Hardware	Intel	Xeon E-2226ge	-	All	All	All
Hardware	Intel	Xeon E-2234	-	All	All	All
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Hardware	Intel	Xeon E-2244g	-	All	All	All
Hardware	Intel	Xeon E-2246g	-	All	All	All
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Hardware	Intel	Xeon E-2286m	-	All	All	All
Hardware	Intel	Xeon E-2288g	-	All	All	All
Hardware	Intel	Xeon E3-1205 V6	-	All	All	All
Hardware	Intel	Xeon E3-1220 V5	-	All	All	All
Hardware	Intel	Xeon E3-1220 V6	-	All	All	All
Hardware	Intel	Xeon E3-1225 V5	-	All	All	All
Hardware	Intel	Xeon E3-1225 V6	-	All	All	All
Hardware	Intel	Xeon E3-1226 V5	-	All	All	All
Hardware	Intel	Xeon E3-1226 V6	-	All	All	All

Hardware	<a href="#">intel</a>	<a href="#">Xeon E3-1230 V3</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1230 V6</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1235l V5</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1240l V5</a>	-	All	All	All
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Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1285 V6</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1501l V6</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1501m V6</a>	-	All	All	All
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Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1505m V5</a>	-	All	All	All
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Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1515m V5</a>	-	All	All	All
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Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1575m V5</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1578l V5</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1585l V5</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E3-1585 V5</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E5-1428l V3</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E5-1603 V3</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon E5-1603 V4</a>	-	All	All	All

Hardware	Intel	Xeon E5-1607 V3	-	All	All	All
Hardware	Intel	Xeon E5-1607 V4	-	All	All	All
Hardware	Intel	Xeon E5-1620 V3	-	All	All	All
Hardware	Intel	Xeon E5-1620 V4	-	All	All	All
Hardware	Intel	Xeon E5-1630 V3	-	All	All	All
Hardware	Intel	Xeon E5-1630 V4	-	All	All	All
Hardware	Intel	Xeon E5-1650 V3	-	All	All	All
Hardware	Intel	Xeon E5-1650 V4	-	All	All	All
Hardware	Intel	Xeon E5-1660 V3	-	All	All	All
Hardware	Intel	Xeon E5-1660 V4	-	All	All	All
Hardware	Intel	Xeon E5-1680 V3	-	All	All	All
Hardware	Intel	Xeon E5-1680 V4	-	All	All	All
Hardware	Intel	Xeon E5-2408I V3	-	All	All	All
Hardware	Intel	Xeon E5-2418I V3	-	All	All	All
Hardware	Intel	Xeon E5-2428I V3	-	All	All	All
Hardware	Intel	Xeon E5-2438I V3	-	All	All	All
Hardware	Intel	Xeon E5-2603 V3	-	All	All	All
Hardware	Intel	Xeon E5-2603 V4	-	All	All	All
Hardware	Intel	Xeon E5-2608I V3	-	All	All	All
Hardware	Intel	Xeon E5-2608I V4	-	All	All	All
Hardware	Intel	Xeon E5-2609 V3	-	All	All	All
Hardware	Intel	Xeon E5-2609 V4	-	All	All	All
Hardware	Intel	Xeon E5-2618I V3	-	All	All	All
Hardware	Intel	Xeon E5-2618I V4	-	All	All	All
Hardware	Intel	Xeon E5-2620 V3	-	All	All	All
Hardware	Intel	Xeon E5-2620 V4	-	All	All	All
Hardware	Intel	Xeon E5-2623 V3	-	All	All	All
Hardware	Intel	Xeon E5-2623 V4	-	All	All	All
Hardware	Intel	Xeon E5-2628I V3	-	All	All	All
Hardware	Intel	Xeon E5-2628I V4	-	All	All	All
Hardware	Intel	Xeon E5-2630I V3	-	All	All	All
Hardware	Intel	Xeon E5-2630I V4	-	All	All	All
Hardware	Intel	Xeon E5-2630 V3	-	All	All	All
Hardware	Intel	Xeon E5-2630 V4	-	All	All	All
Hardware	Intel	Xeon E5-2637 V3	-	All	All	All

Hardware	Intel	Xeon E5-2637 V4	-	All	All	All
Hardware	Intel	Xeon E5-2640 V3	-	All	All	All
Hardware	Intel	Xeon E5-2640 V4	-	All	All	All
Hardware	Intel	Xeon E5-2643 V3	-	All	All	All
Hardware	Intel	Xeon E5-2643 V4	-	All	All	All
Hardware	Intel	Xeon E5-2648l V3	-	All	All	All
Hardware	Intel	Xeon E5-2648l V4	-	All	All	All
Hardware	Intel	Xeon E5-2650l V3	-	All	All	All
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Hardware	Intel	Xeon E5-2650 V3	-	All	All	All
Hardware	Intel	Xeon E5-2650 V4	-	All	All	All
Hardware	Intel	Xeon E5-2658a V3	-	All	All	All
Hardware	Intel	Xeon E5-2658 V3	-	All	All	All
Hardware	Intel	Xeon E5-2658 V4	-	All	All	All
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Hardware	Intel	Xeon E5-2667 V4	-	All	All	All
Hardware	Intel	Xeon E5-2670 V3	-	All	All	All
Hardware	Intel	Xeon E5-2679 V4	-	All	All	All
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Hardware	Intel	Xeon E5-2685 V3	-	All	All	All
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Hardware	Intel	Xeon E5-2687w V4	-	All	All	All
Hardware	Intel	Xeon E5-2689 V4	-	All	All	All
Hardware	Intel	Xeon E5-2690 V3	-	All	All	All
Hardware	Intel	Xeon E5-2690 V4	-	All	All	All
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Hardware	Intel	Xeon E5-2695 V4	-	All	All	All
Hardware	Intel	Xeon E5-2697a V4	-	All	All	All
Hardware	Intel	Xeon E5-2697 V3	-	All	All	All
Hardware	Intel	Xeon E5-2697 V4	-	All	All	All
Hardware	Intel	Xeon E5-2698 V3	-	All	All	All

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Hardware	Intel	Xeon E5-2698 V4	-	All	All	All
Hardware	Intel	Xeon E5-2699a V4	-	All	All	All
Hardware	Intel	Xeon E5-2699r V4	-	All	All	All
Hardware	Intel	Xeon E5-2699 V3	-	All	All	All
Hardware	Intel	Xeon E5-2699 V4	-	All	All	All
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Hardware	Intel	Xeon E5-4610 V4	-	All	All	All
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Hardware	Intel	Xeon E5-4627 V3	-	All	All	All
Hardware	Intel	Xeon E5-4627 V4	-	All	All	All
Hardware	Intel	Xeon E5-4628l V4	-	All	All	All
Hardware	Intel	Xeon E5-4640 V3	-	All	All	All
Hardware	Intel	Xeon E5-4640 V4	-	All	All	All
Hardware	Intel	Xeon E5-4648 V3	-	All	All	All
Hardware	Intel	Xeon E5-4650 V3	-	All	All	All
Hardware	Intel	Xeon E5-4650 V4	-	All	All	All
Hardware	Intel	Xeon E5-4655 V3	-	All	All	All
Hardware	Intel	Xeon E5-4655 V4	-	All	All	All
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Hardware	Intel	Xeon E5-4660 V4	-	All	All	All
Hardware	Intel	Xeon E5-4667 V3	-	All	All	All
Hardware	Intel	Xeon E5-4667 V4	-	All	All	All
Hardware	Intel	Xeon E5-4669 V3	-	All	All	All
Hardware	Intel	Xeon E5-4669 V4	-	All	All	All
Hardware	Intel	Xeon E7-4809 V4	-	All	All	All
Hardware	Intel	Xeon E7-4820 V4	-	All	All	All
Hardware	Intel	Xeon E7-4830 V4	-	All	All	All
Hardware	Intel	Xeon E7-4850 V4	-	All	All	All
Hardware	Intel	Xeon E7-8855 V4	-	All	All	All
Hardware	Intel	Xeon E7-8860 V4	-	All	All	All
Hardware	Intel	Xeon E7-8867 V4	-	All	All	All
Hardware	Intel	Xeon E7-8870 V4	-	All	All	All
Hardware	Intel	Xeon E7-8880 V4	-	All	All	All
Hardware	Intel	Xeon E7-8890 V4	-	All	All	All

Hardware	Intel	Xeon E7-8891 V4	-	All	All	All
Hardware	Intel	Xeon E7-8893 V4	-	All	All	All
Hardware	Intel	Xeon E7-8894 V4	-	All	All	All
Hardware	Intel	Xeon Gold 5115	-	All	All	All
Hardware	Intel	Xeon Gold 5117	-	All	All	All
Hardware	Intel	Xeon Gold 5117f	-	All	All	All
Hardware	Intel	Xeon Gold 5118	-	All	All	All
Hardware	Intel	Xeon Gold 5119t	-	All	All	All
Hardware	Intel	Xeon Gold 5120	-	All	All	All
Hardware	Intel	Xeon Gold 5120t	-	All	All	All
Hardware	Intel	Xeon Gold 5122	-	All	All	All
Hardware	Intel	Xeon Gold 5215	-	All	All	All
Hardware	Intel	Xeon Gold 5215l	-	All	All	All
Hardware	Intel	Xeon Gold 5217	-	All	All	All
Hardware	Intel	Xeon Gold 5218	-	All	All	All
Hardware	Intel	Xeon Gold 5218b	-	All	All	All
Hardware	Intel	Xeon Gold 5218n	-	All	All	All
Hardware	Intel	Xeon Gold 5218r	-	All	All	All
Hardware	Intel	Xeon Gold 5218t	-	All	All	All
Hardware	Intel	Xeon Gold 5219y	-	All	All	All
Hardware	Intel	Xeon Gold 5220	-	All	All	All
Hardware	Intel	Xeon Gold 5220r	-	All	All	All
Hardware	Intel	Xeon Gold 5220s	-	All	All	All
Hardware	Intel	Xeon Gold 5220t	-	All	All	All
Hardware	Intel	Xeon Gold 5222	-	All	All	All
Hardware	Intel	Xeon Gold 6122	-	All	All	All
Hardware	Intel	Xeon Gold 6126	-	All	All	All
Hardware	Intel	Xeon Gold 6126f	-	All	All	All
Hardware	Intel	Xeon Gold 6126t	-	All	All	All
Hardware	Intel	Xeon Gold 6128	-	All	All	All
Hardware	Intel	Xeon Gold 6129	-	All	All	All
Hardware	Intel	Xeon Gold 6130	-	All	All	All
Hardware	Intel	Xeon Gold 6130f	-	All	All	All
Hardware	Intel	Xeon Gold 6130h	-	All	All	All
Hardware	Intel	Xeon Gold 6130t	-	All	All	All

Hardware	Intel	Xeon Gold 6132	-	All	All	All
Hardware	Intel	Xeon Gold 6134	-	All	All	All
Hardware	Intel	Xeon Gold 6134m	-	All	All	All
Hardware	Intel	Xeon Gold 6135	-	All	All	All
Hardware	Intel	Xeon Gold 6136	-	All	All	All
Hardware	Intel	Xeon Gold 6137	-	All	All	All
Hardware	Intel	Xeon Gold 6138	-	All	All	All
Hardware	Intel	Xeon Gold 6138f	-	All	All	All
Hardware	Intel	Xeon Gold 6138p	-	All	All	All
Hardware	Intel	Xeon Gold 6138t	-	All	All	All
Hardware	Intel	Xeon Gold 6140	-	All	All	All
Hardware	Intel	Xeon Gold 6140m	-	All	All	All
Hardware	Intel	Xeon Gold 6142	-	All	All	All
Hardware	Intel	Xeon Gold 6142f	-	All	All	All
Hardware	Intel	Xeon Gold 6142m	-	All	All	All
Hardware	Intel	Xeon Gold 6143	-	All	All	All
Hardware	Intel	Xeon Gold 6144	-	All	All	All
Hardware	Intel	Xeon Gold 6146	-	All	All	All
Hardware	Intel	Xeon Gold 6148	-	All	All	All
Hardware	Intel	Xeon Gold 6148f	-	All	All	All
Hardware	Intel	Xeon Gold 6150	-	All	All	All
Hardware	Intel	Xeon Gold 6152	-	All	All	All
Hardware	Intel	Xeon Gold 6154	-	All	All	All
Hardware	Intel	Xeon Gold 6162	-	All	All	All
Hardware	Intel	Xeon Gold 6208u	-	All	All	All
Hardware	Intel	Xeon Gold 6209u	-	All	All	All
Hardware	Intel	Xeon Gold 6210u	-	All	All	All
Hardware	Intel	Xeon Gold 6212u	-	All	All	All
Hardware	Intel	Xeon Gold 6222	-	All	All	All
Hardware	Intel	Xeon Gold 6222v	-	All	All	All
Hardware	Intel	Xeon Gold 6226	-	All	All	All
Hardware	Intel	Xeon Gold 6226r	-	All	All	All
Hardware	Intel	Xeon Gold 6230	-	All	All	All
Hardware	Intel	Xeon Gold 6230n	-	All	All	All
Hardware	Intel	Xeon Gold 6230r	-	All	All	All
Hardware	Intel	Xeon Gold 6230t	-	All	All	All

Hardware	Intel	Xeon Gold 6230	-	All	All	All
Hardware	Intel	Xeon Gold 6234	-	All	All	All
Hardware	Intel	Xeon Gold 6238	-	All	All	All
Hardware	Intel	Xeon Gold 6238l	-	All	All	All
Hardware	Intel	Xeon Gold 6238t	-	All	All	All
Hardware	Intel	Xeon Gold 6240	-	All	All	All
Hardware	Intel	Xeon Gold 6240l	-	All	All	All
Hardware	Intel	Xeon Gold 6240r	-	All	All	All
Hardware	Intel	Xeon Gold 6240y	-	All	All	All
Hardware	Intel	Xeon Gold 6242	-	All	All	All
Hardware	Intel	Xeon Gold 6242r	-	All	All	All
Hardware	Intel	Xeon Gold 6244	-	All	All	All
Hardware	Intel	Xeon Gold 6246	-	All	All	All
Hardware	Intel	Xeon Gold 6246r	-	All	All	All
Hardware	Intel	Xeon Gold 6248	-	All	All	All
Hardware	Intel	Xeon Gold 6248r	-	All	All	All
Hardware	Intel	Xeon Gold 6250	-	All	All	All
Hardware	Intel	Xeon Gold 6250l	-	All	All	All
Hardware	Intel	Xeon Gold 6252	-	All	All	All
Hardware	Intel	Xeon Gold 6252n	-	All	All	All
Hardware	Intel	Xeon Gold 6254	-	All	All	All
Hardware	Intel	Xeon Gold 6256	-	All	All	All
Hardware	Intel	Xeon Gold 6258r	-	All	All	All
Hardware	Intel	Xeon Gold 6262	-	All	All	All
Hardware	Intel	Xeon Gold 6262v	-	All	All	All
Hardware	Intel	Xeon Gold 6269y	-	All	All	All
Hardware	Intel	Xeon Platinum 8153	-	All	All	All
Hardware	Intel	Xeon Platinum 8156	-	All	All	All
Hardware	Intel	Xeon Platinum 8158	-	All	All	All
Hardware	Intel	Xeon Platinum 8160	-	All	All	All
Hardware	Intel	Xeon Platinum 8160f	-	All	All	All
Hardware	Intel	Xeon Platinum 8160h	-	All	All	All
Hardware	Intel	Xeon Platinum 8160m	-	All	All	All
Hardware	Intel	Xeon Platinum 8160t	-	All	All	All
Hardware	Intel	Xeon Platinum 8164	-	All	All	All
Hardware	Intel	Xeon Platinum 8165	-	All	All	All

Hardware	Intel	Xeon Platinum 8168	-	All	All	All
Hardware	Intel	Xeon Platinum 8170	-	All	All	All
Hardware	Intel	Xeon Platinum 8170m	-	All	All	All
Hardware	Intel	Xeon Platinum 8174	-	All	All	All
Hardware	Intel	Xeon Platinum 8176	-	All	All	All
Hardware	Intel	Xeon Platinum 8176f	-	All	All	All
Hardware	Intel	Xeon Platinum 8176m	-	All	All	All
Hardware	Intel	Xeon Platinum 8180	-	All	All	All
Hardware	Intel	Xeon Platinum 8180m	-	All	All	All
Hardware	Intel	Xeon Platinum 8253	-	All	All	All
Hardware	Intel	Xeon Platinum 8256	-	All	All	All
Hardware	Intel	Xeon Platinum 8260	-	All	All	All
Hardware	Intel	Xeon Platinum 8260l	-	All	All	All
Hardware	Intel	Xeon Platinum 8260y	-	All	All	All
Hardware	Intel	Xeon Platinum 8268	-	All	All	All
Hardware	Intel	Xeon Platinum 8270	-	All	All	All
Hardware	Intel	Xeon Platinum 8274	-	All	All	All
Hardware	Intel	Xeon Platinum 8276	-	All	All	All
Hardware	Intel	Xeon Platinum 8276l	-	All	All	All
Hardware	Intel	Xeon Platinum 8280	-	All	All	All
Hardware	Intel	Xeon Platinum 8280l	-	All	All	All
Hardware	Intel	Xeon Platinum 8284	-	All	All	All
Hardware	Intel	Xeon Platinum 9221	-	All	All	All
Hardware	Intel	Xeon Platinum 9222	-	All	All	All
Hardware	Intel	Xeon Platinum 9242	-	All	All	All
Hardware	Intel	Xeon Platinum 9282	-	All	All	All
Hardware	Intel	Xeon Silver 4106h	-	All	All	All
Hardware	Intel	Xeon Silver 4108	-	All	All	All
Hardware	Intel	Xeon Silver 4109t	-	All	All	All
Hardware	Intel	Xeon Silver 4110	-	All	All	All
Hardware	Intel	Xeon Silver 4112	-	All	All	All
Hardware	Intel	Xeon Silver 4114	-	All	All	All
Hardware	Intel	Xeon Silver 4114t	-	All	All	All
Hardware	Intel	Xeon Silver 4116	-	All	All	All
Hardware	Intel	Xeon Silver 4116t	-	All	All	All

Hardware	Intel	Xeon Silver 4123	-	All	All	All
Hardware	Intel	Xeon Silver 4208	-	All	All	All
Hardware	Intel	Xeon Silver 4209t	-	All	All	All
Hardware	Intel	Xeon Silver 4210	-	All	All	All
Hardware	Intel	Xeon Silver 4210r	-	All	All	All
Hardware	Intel	Xeon Silver 4210t	-	All	All	All
Hardware	Intel	Xeon Silver 4214	-	All	All	All
Hardware	Intel	Xeon Silver 4214r	-	All	All	All
Hardware	Intel	Xeon Silver 4214y	-	All	All	All
Hardware	Intel	Xeon Silver 4215	-	All	All	All
Hardware	Intel	Xeon Silver 4215r	-	All	All	All
Hardware	Intel	Xeon Silver 4216	-	All	All	All
Hardware	Intel	Xeon W-10855m	-	All	All	All
Hardware	Intel	Xeon W-10885m	-	All	All	All
Hardware	Intel	Xeon W-11855m	-	All	All	All
Hardware	Intel	Xeon W-11955m	-	All	All	All
Hardware	Intel	Xeon W-1250	-	All	All	All
Hardware	Intel	Xeon W-1250e	-	All	All	All
Hardware	Intel	Xeon W-1250p	-	All	All	All
Hardware	Intel	Xeon W-1250te	-	All	All	All
Hardware	Intel	Xeon W-1270	-	All	All	All
Hardware	Intel	Xeon W-1270e	-	All	All	All
Hardware	Intel	Xeon W-1270te	-	All	All	All
Hardware	Intel	Xeon W-1290	-	All	All	All
Hardware	Intel	Xeon W-1290e	-	All	All	All
Hardware	Intel	Xeon W-1290p	-	All	All	All
Hardware	Intel	Xeon W-1290t	-	All	All	All
Hardware	Intel	Xeon W-1290te	-	All	All	All
Hardware	Intel	Xeon W-1350	-	All	All	All
Hardware	Intel	Xeon W-1350p	-	All	All	All
Hardware	Intel	Xeon W-1370	-	All	All	All
Hardware	Intel	Xeon W-1370p	-	All	All	All
Hardware	Intel	Xeon W-1390	-	All	All	All
Hardware	Intel	Xeon W-1390p	-	All	All	All
Hardware	Intel	Xeon W-1390t	-	All	All	All
Hardware	Intel	Xeon W-2102	-	All	All	All

Category	Manufacturer	Product Name	Version	Architecture	Platform	OS
Hardware	Intel	Xeon W-2104	-	All	All	All
Hardware	Intel	Xeon W-2123	-	All	All	All
Hardware	Intel	Xeon W-2125	-	All	All	All
Hardware	Intel	Xeon W-2133	-	All	All	All
Hardware	Intel	Xeon W-2135	-	All	All	All
Hardware	Intel	Xeon W-2145	-	All	All	All
Hardware	Intel	Xeon W-2155	-	All	All	All
Hardware	Intel	Xeon W-2175	-	All	All	All
Hardware	Intel	Xeon W-2195	-	All	All	All
Hardware	Intel	Xeon W-2223	-	All	All	All
Hardware	Intel	Xeon W-2225	-	All	All	All
Hardware	Intel	Xeon W-2235	-	All	All	All
Hardware	Intel	Xeon W-2245	-	All	All	All
Hardware	Intel	Xeon W-2255	-	All	All	All
Hardware	Intel	Xeon W-2265	-	All	All	All
Hardware	Intel	Xeon W-2275	-	All	All	All
Hardware	Intel	Xeon W-2295	-	All	All	All
Hardware	Intel	Xeon W-3175x	-	All	All	All
Hardware	Intel	Xeon W-3223	-	All	All	All
Hardware	Intel	Xeon W-3225	-	All	All	All
Hardware	Intel	Xeon W-3235	-	All	All	All
Hardware	Intel	Xeon W-3245	-	All	All	All
Hardware	Intel	Xeon W-3245m	-	All	All	All
Hardware	Intel	Xeon W-3265	-	All	All	All
Hardware	Intel	Xeon W-3265m	-	All	All	All
Hardware	Intel	Xeon W-3275	-	All	All	All
Hardware	Intel	Xeon W-3275m	-	All	All	All
Operating System	Netapp	Aff Bios	-	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Operating System	Netapp	E-series Bios	-	All	All	All
Operating System	Netapp	Fas Bios	-	All	All	All
Operating System	Netapp	Hci Compute Node Bios	-	All	All	All
Operating System	Netapp	Hci Storage Node Bios	-	All	All	All
Operating System	Netapp	Solidfire Bios	-	All	All	All
Hardware	Siemens	Simatic Cpu 1518-4	-	All	All	All

Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Cpu 1518-4 Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Field Pg M6</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Field Pg M6 Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc427e</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc427e Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc477e</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc477e Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc477e Pro</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc477e Pro Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc547g</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc547g Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc627e</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc627e Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc647e</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc647e Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc677e</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc677e Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Ipc847e</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Ipc847e Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Itp1000</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Itp1000 Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Intel SA-00463 BIOS Firmware Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
<a href="https://cert-portal.siemens.com/productcert/pdf/ssa-309571.pdf">cert-portal.siemens.com/productcert/pdf/ssa-309571.pdf</a>	CONFIRM	<a href="https://cert-portal.siemens.com">cert-portal.siemens.com</a>	
INTEL-SA-00463	MISC	<a href="https://www.intel.com">www.intel.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canoni
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canoni

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

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

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