



Intel® Xeon® Scalable Processors

Processor Group	Processor Name	CTP (MTOPs)
Intel® Xeon® Platinum 8280M Processor (38.5M Cache, 2.70 GHz)	8280M	6,121,800
Intel® Xeon® Platinum 8280L Processor (38.5M Cache, 2.70 GHz)	8280L	6,121,800
Intel® Xeon® Platinum 8280 Processor (38.5M Cache, 2.70 GHz)	8280	6,121,800
Intel® Xeon® Platinum 8276M Processor (38.5M Cache, 2.20 GHz)	8276M	4,988,133
Intel® Xeon® Platinum 8276L Processor (38.5M Cache, 2.20 GHz)	8276L	4,988,133
Intel® Xeon® Platinum 8276 Processor (38.5M Cache, 2.20 GHz)	8276	4,988,133
Intel® Xeon® Platinum 8270 Processor (35.75M Cache, 2.70 GHz)	8270	5,687,100
Intel® Xeon® Platinum 8268 Processor (35.75M Cache, 2.90 GHz)	8268	5,641,467
Intel® Xeon® Platinum 8260Y Processor (35.75M Cache, 2.40 GHz)	8260Y	4,668,800
Intel® Xeon® Platinum 8260M Processor (35.75M Cache, 2.40 GHz)	8260M	4,668,800
Intel® Xeon® Platinum 8260L Processor (35.75M Cache, 2.40 GHz)	8260L	4,668,800
Intel® Xeon® Platinum 8260 Processor (35.75M Cache, 2.40 GHz)	8260	4,668,800
Intel® Xeon® Platinum 8256 Processor (16.5M Cache, 3.80 GHz)	8256	1,274,267
Intel® Xeon® Platinum 8253 Processor (22M Cache, 2.20 GHz)	8253	2,862,933
Intel® Xeon® Gold 6262V Processor (33M Cache, 1.90 GHz)	6262V	3,696,133
Intel® Xeon® Gold 6254 Processor (24.75M Cache, 3.10 GHz)	6254	4,533,233
Intel® Xeon® Gold 6252N Processor (35.75M Cache, 2.30 GHz)	6252N	4,474,267
Intel® Xeon® Gold 6252 Processor (35.75M Cache, 2.10 GHz)	6252	4,085,200
Intel® Xeon® Gold 6248 Processor (27.5M Cache, 2.50 GHz)	6248	4,058,333
Intel® Xeon® Gold 6246 Processor (24.75M Cache, 3.30 GHz)	6246	3,231,800
Intel® Xeon® Gold 6244 Processor (24.75M Cache, 3.60 GHz)	6244	2,366,400
Intel® Xeon® Gold 6242 Processor (22M Cache, 2.80 GHz)	6242	3,643,733
Intel® Xeon® Gold 6240Y Processor (24.75M Cache, 2.60 GHz)	6240Y	3,802,067
Intel® Xeon® Gold 6240M Processor (24.75M Cache, 2.60 GHz)	6240M	3,802,067
Intel® Xeon® Gold 6240L Processor (24.75M Cache, 2.60 GHz)	6240L	3,802,067
Intel® Xeon® Gold 6240 Processor (24.75M Cache, 2.60 GHz)	6240	3,802,067
Intel® Xeon® Gold 6238T Processor (30.25M Cache, 1.90 GHz)	6238T	3,390,233
Intel® Xeon® Gold 6238M Processor (30.25M Cache, 2.10 GHz)	6238M	3,747,100
Intel® Xeon® Gold 6238L Processor (30.25M Cache, 2.10 GHz)	6238L	3,747,100
Intel® Xeon® Gold 6238 Processor (30.25M Cache, 2.10 GHz)	6238	3,747,100
Intel® Xeon® Gold 6234 Processor (24.75M Cache, 3.30 GHz)	6234	2,169,200
Intel® Xeon® Gold 6230T Processor (27.5M Cache, 2.10 GHz)	6230T	3,409,000
Intel® Xeon® Gold 6230N Processor (27.5M Cache, 2.30 GHz)	6230N	3,733,667
Intel® Xeon® Gold 6230 Processor (27.5M Cache, 2.10 GHz)	6230	3,409,000
Intel® Xeon® Gold 6226 Processor (19.25M Cache, 2.70 GHz)	6226	2,644,200
Intel® Xeon® Gold 6222V Processor (27.5M Cache, 1.80 GHz)	6222V	2,922,000
Intel® Xeon® Gold 6212U Processor (35.75M Cache, 2.40 GHz)	6212U	4,668,800
Intel® Xeon® Gold 6210U Processor (27.5M Cache, 2.50 GHz)	6210U	4,058,333
Intel® Xeon® Gold 6209U Processor (27.5M Cache, 2.10 GHz)	6209U	3,409,000
Intel® Xeon® Gold 5222 Processor (16.5M Cache, 3.80 GHz)	5222	1,274,267
Intel® Xeon® Gold 5220T Processor (24.75M Cache, 1.90 GHz)	5220T	2,094,433
Intel® Xeon® Gold 5220S Processor (24.75M Cache, 2.70 GHz)	5220S	2,976,300
Intel® Xeon® Gold 5220 Processor (24.75M Cache, 2.20 GHz)	5220	2,425,133
Intel® Xeon® Gold 5218T Processor (22M Cache, 2.10 GHz)	5218T	2,060,800
Intel® Xeon® Gold 5218N Processor (22M Cache, 2.30 GHz)	5218N	2,257,067
Intel® Xeon® Gold 5218B Processor (22M Cache, 2.30 GHz)	5218B	2,257,067
Intel® Xeon® Gold 5218 Processor (22M Cache, 2.30 GHz)	5218	2,257,067
Intel® Xeon® Gold 5217 Processor (11M Cache, 3.00 GHz)	5217	1,492,000
Intel® Xeon® Gold 5215M Processor (13.75M Cache, 2.50 GHz)	5215M	1,545,833
Intel® Xeon® Gold 5215L Processor (13.75M Cache, 2.50 GHz)	5215L	1,545,833
Intel® Xeon® Gold 5215 Processor (13.75M Cache, 2.50 GHz)	5215	1,545,833
Intel® Xeon® Silver 4216 Processor (22M Cache, 2.10 GHz)	4216	2,060,800
Intel® Xeon® Silver 4215 Processor (11M Cache, 2.50 GHz)	4215	1,243,333



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Intel® Xeon® Silver 4214Y Processor (16.5M Cache, 2.20 GHz)	4214Y	1,626,533
Intel® Xeon® Silver 4214 Processor (16.5M Cache, 2.20 GHz)	4214	1,626,533
Intel® Xeon® Silver 4210 Processor (13.75M Cache, 2.20 GHz)	4210	1,360,333
Intel® Xeon® Silver 4209T Processor (11M Cache, 2.20 GHz)	4209T	1,094,133
Intel® Xeon® Silver 4208 Processor (11M Cache, 2.10 GHz)	4208	1,044,400
Intel® Xeon® Bronze 3204 Processor (8.25M Cache, 1.90 GHz)	3204	715,033
Intel® Xeon® Platinum 8180M Processor (38.5M Cache, 2.50 GHz)	8180M	2,871,667
Intel® Xeon® Platinum 8180 Processor (38.5M Cache, 2.50 GHz)	8180	2,871,667
Intel® Xeon® Platinum 8176M Processor (38.5M Cache, 2.10 GHz)	8176M	2,412,200
Intel® Xeon® Platinum 8176F Processor (38.5M Cache, 2.10 GHz)	8176F	2,412,200
Intel® Xeon® Platinum 8176 Processor (38.5M Cache, 2.10 GHz)	8176	2,412,200
Intel® Xeon® Platinum 8170M Processor (35.75M Cache, 2.10 GHz)	8170M	2,242,100
Intel® Xeon® Platinum 8170 Processor (35.75M Cache, 2.10 GHz)	8170	2,242,100
Intel® Xeon® Platinum 8168 Processor (33M Cache, 2.70 GHz)	8168	2,664,000
Intel® Xeon® Platinum 8164 Processor (35.75M Cache, 2.00 GHz)	8164	2,135,333
Intel® Xeon® Platinum 8160T Processor (33M Cache, 2.10 GHz)	8160T	2,072,000
Intel® Xeon® Platinum 8160M Processor (33M Cache, 2.10 GHz)	8160M	2,072,000
Intel® Xeon® Platinum 8160F Processor (33M Cache, 2.10 GHz)	8160F	2,072,000
Intel® Xeon® Platinum 8160 Processor (33M Cache, 2.10 GHz)	8160	2,072,000
Intel® Xeon® Platinum 8158 Processor (24.75M Cache, 3.00 GHz)	8158	1,502,000
Intel® Xeon® Platinum 8156 Processor (16.5M Cache, 3.60 GHz)	8156	636,000
Intel® Xeon® Platinum 8153 Processor (22M Cache, 2.00 GHz)	8153	1,325,333
Intel® Xeon® Gold 6154 Processor (24.75M Cache, 3.00 GHz)	6154	2,231,000
Intel® Xeon® Gold 6152 Processor (30.25M Cache, 2.10 GHz)	6152	1,901,900
Intel® Xeon® Gold 6150 Processor (24.75M Cache, 2.70 GHz)	6150	2,007,900
Intel® Xeon® Gold 6148F Processor (27.5M Cache, 2.40 GHz)	6148F	1,979,200
Intel® Xeon® Gold 6148 Processor (27.5M Cache, 2.40 GHz)	6148	1,979,200
Intel® Xeon® Gold 6146 Processor (24.75M Cache, 3.20 GHz)	6146	1,602,133
Intel® Xeon® Gold 6144 Processor (24.75M Cache, 3.50 GHz)	6144	1,185,333
Intel® Xeon® Gold 6142M Processor (22M Cache, 2.60 GHz)	6142M	1,722,933
Intel® Xeon® Gold 6143 Processor (22M Cache, 2.80 GHz)	6143	1,855,467
Intel® Xeon® Gold 6142F Processor (22M Cache, 2.60 GHz)	6142F	1,722,933
Intel® Xeon® Gold 6142 Processor (22M Cache, 2.60 GHz)	6142	1,722,933
Intel® Xeon® Gold 6140M Processor (24.75M Cache, 2.30 GHz)	6140M	1,710,433
Intel® Xeon® Gold 6140 Processor (24.75M Cache, 2.30 GHz)	6140	1,710,433
Intel® Xeon® Gold 6138T Processor (27.5M Cache, 2.00 GHz)	6138T	1,649,333
Intel® Xeon® Gold 6138P Processor (27.5M Cache, 2.00 GHz)	6138P	1,649,333
Intel® Xeon® Gold 6138F Processor (27.5M Cache, 2.00 GHz)	6138F	1,649,333
Intel® Xeon® Gold 6138 Processor (27.5M Cache, 2.00 GHz)	6138	1,649,333
Intel® Xeon® Gold 6137 Processor (24.75M Cache, 3.90 GHz)	6137	1,320,800
Intel® Xeon® Gold 6136 Processor (24.75M Cache, 3.00 GHz)	6136	1,502,000
Intel® Xeon® Gold 6134M Processor (24.75M Cache, 3.20 GHz)	6134M	1,083,733
Intel® Xeon® Gold 6134 Processor (24.75M Cache, 3.20 GHz)	6134	1,083,733
Intel® Xeon® Gold 6132 Processor (19.25M Cache, 2.60 GHz)	6132	1,512,333
Intel® Xeon® Gold 6130T Processor (22M Cache, 2.10 GHz)	6130T	1,391,600
Intel® Xeon® Gold 6130F Processor (22M Cache, 2.10 GHz)	6130F	1,391,600
Intel® Xeon® Gold 6130 Processor (22M Cache, 2.10 GHz)	6130	1,391,600
Intel® Xeon® Gold 6128 Processor (19.25M Cache, 3.40 GHz)	6128	876,067
Intel® Xeon® Gold 6126T Processor (19.25M Cache, 2.60 GHz)	6126T	1,301,733
Intel® Xeon® Gold 6126F Processor (19.25M Cache, 2.60 GHz)	6126F	1,301,733
Intel® Xeon® Gold 6126 Processor (19.25M Cache, 2.60 GHz)	6126	1,301,733
Intel® Xeon® Gold 5122 Processor (16.5M Cache, 3.60 GHz)	5122	636,000
Intel® Xeon® Gold 5120T Processor (19.25M Cache, 2.20 GHz)	5120T	742,500

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Intel® Xeon® Gold 5120 Processor (19.25M Cache, 2.20 GHz)	5120	742,500
Intel® Xeon® Gold 5119T Processor (19.25M Cache, 1.90 GHz)	5119T	641,250
Intel® Xeon® Gold 5118 Processor (16.5M Cache, 2.30 GHz)	5118	667,767
Intel® Xeon® Gold 5117F Processor (19.25M Cache, 2.00 GHz)	5117F	675,000
Intel® Xeon® Gold 5117 Processor (19.25M Cache, 2.00 GHz)	5117	675,000
Intel® Xeon® Gold 5115 Processor (13.75M Cache, 2.40 GHz)	5115	583,600
Intel® Xeon® Silver 4116T Processor (16.5M cache, 2.10 GHz)	4116T	609,700
Intel® Xeon® Silver 4116 Processor (16.5M Cache, 2.10 GHz)	4116	609,700
Intel® Xeon® Silver 4114T Processor (13.75M Cache, 2.20 GHz)	4114T	534,967
Intel® Xeon® Silver 4114 Processor (13.75M Cache, 2.20 GHz)	4114	534,967
Intel® Xeon® Silver 4112 Processor (8.25M Cache, 2.60 GHz)	4112	264,333
Intel® Xeon® Silver 4110 Processor (11M Cache, 2.10 GHz)	4110	411,600
Intel® Xeon® Silver 4109T Processor (11M Cache, 2.00 GHz)	4109T	392,000
Intel® Xeon® Silver 4108 Processor (11M Cache, 1.80 GHz)	4108	352,800
Intel® Xeon® Bronze 3106 Processor (11M Cache, 1.70 GHz)	3106	333,200
Intel® Xeon® Bronze 3104 Processor (8.25M Cache, 1.70 GHz)	3104	253,017

Intel Corporation is providing the CTP Product Matrix for those customers located in countries where the CTP is still required as a measurement of processor performance. BIS no longer requires exporters to determine the CTP. All information provided in the CTP Product Matrix is strictly a recommendation to the user, and should be used in conjunction with the local country regulation requirements. All the information contained herein are based on Intel product specifications and are subject to change without notice. Intel makes no representation or warranty as to the accuracy or reliability of such specifications. These calculations are provided "AS IS" with no warranties whatsoever, including any warranty of merchantability, noninfringement, fitness for any particular purpose or any warranty otherwise arising out of any proposal, specification or sample. Intel disclaims all liability, including liability for infringement of any proprietary rights, relating to use of information in these calculations. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted herein.