

Processor Number	Frequency Type	Clock GHz	СТР	GFLOP	APP 1-way	APP 2-way	APP 4-way
E5502	Base	1.86	29234	14.928	0.0044784	0.0089568	0.0179136
	Single Core Max Turbo	N/A	N/A	N/A	N/A	N/A	N/A
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5503	Base	2	31333	16	0.0048	0.0096	0.0192
	Single Core Max Turbo	N/A	N/A	N/A	N/A	N/A	N/A
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5504	Base	2	60667	32	0.0096	0.0192	0.0384
	Single Core Max Turbo	N/A	N/A	N/A	N/A	N/A	N/A
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5506	Base	2.13	64701	34.128	0.0102384	0.0204768	0.0409536
	Single Core Max Turbo	N/A	N/A	N/A	N/A	N/A	N/A
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5507	Base	2.26	68735	36.256	0.0108768	0.0217536	0.0435072
	Single Core Max Turbo	N/A	N/A	N/A	N/A	N/A	N/A
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5520	Base	2.26	68735	36.256	0.0108768	0.0217536	0.0435072
	Single Core Max Turbo	2.53	76834	41	0.0121584	0.0243168	0.0486336
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5530	Base	2.4	72800	38.4	0.01152	0.02304	0.04608
	Single Core Max Turbo	2.66	80869	43	0.0127968	0.0255936	0.0511872
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A



Processor Number	Frequency Type	Clock GHz	CTP	GFLOP	APP 1-way	APP 2-way	APP 4-way
E5540	Base	2.53	76834	40.528	0.0121584	0.0243168	0.0486336
	Single Core Max Turbo	2.8	84933	45	0.01344	0.02688	0.05376
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
L5506	Base	2.13	64701	34.128	0.0102384	0.0204768	0.0409536
	Single Core Max Turbo	N/A	N/A	N/A	N/A	N/A	N/A
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
L5508	Base	2	31333	16	0.0048	0.0096	0.0192
	Single Core Max Turbo	2.4	37600	19	0.00576	0.01152	0.02304
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
L5518	Base	2.13	64701	34.128	0.0102384	0.0204768	0.0409536
	Single Core Max Turbo	2.4	72800	38	0.01152	0.02304	0.04608
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
L5520	Base	2.26	68735	36.256	0.0108768	0.0217536	0.0435072
	Single Core Max Turbo	2.53	76834	41	0.0121584	0.0243168	0.0486336
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
L5530	Base	2.4	72800	38.4	0.01152	0.02304	0.04608
	Single Core Max Turbo	2.66	80869	43	0.0127968	0.0255936	0.0511872
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
W5580	Base	3.2	97067	51.2	0.01536	0.03072	0.06144
	Single Core Max Turbo	3.46	105135	55	0.0166368	0.0332736	0.0665472
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A



Processor Number	Frequency Type	e Clock GHz	СТР	GFLOP	APP 1-way	APP 2-way	APP 4-way
W5590	Base	3.33	101101	53.328	0.0159984	0.0319968	0.0639936
	Single Core Max Turbo	3.6	109200	58	0.01728	0.03456	0.06912
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
X5550	Base	2.66	80869	42.656	0.0127968	0.0255936	0.0511872
	Single Core Max Turbo	3.06	93002	49	0.0147168	0.0294336	0.0588672
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
X5560	Base	2.8	84933	44.8	0.01344	0.02688	0.05376
	Single Core Max Turbo	3.2	97067	51	0.01536	0.03072	0.06144
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
X5570	Base	2.93	88968	46.928	0.0140784	0.0281568	0.0563136
	Single Core Max Turbo	3.33	101101	53	0.0159984	0.0319968	0.0639936
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A

Intel Corporation is providing the Product Export Compliance Matrix which contains the information necessary to complete an export assessment against the US Export Administration Regulations and local export country regulations such as Adjusted Peak Performance (APP) in Weighted Teraflops (WT), Export Control Classification Number (ECCN), AND/OR Harmonized Tariff Number (HTS), etc. APP values are calculated using the Single Core Max Turbo Frequency as published on ark.intel.com. Effective immediately, Intel will only be providing our customers with the APP information for the single core and multi-core processors based on the Single Core Maximum Turbo Boost Technology Frequency information, if applicable.

All information provided in the Product Export Compliance Matrix is strictly a recommendation to the user, and should be used in conjunction with the US Export Administration Regulations (EAR) and local country export regulations when assessing export requirements for the US and local export country.

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.