



Processor Number	Frequency Type	Clock GHz	CTP	GFLOP	APP 1-way	APP 2-way	APP 4-way
410	Base	1.46	4887	2.199	0.0006597	0.0013194	0.0026388
	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
420	Base	1.6	13333	6.4	0.00192	0.00384	0.00768
	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
423	Base	1.06	3553	1.599	0.0004797	0.0009594	0.0019188
	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
430	Base	1.8	15000	7.2	0.00216	0.00432	0.00864
	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
440	Base	2	16667	8	0.0024	0.0048	0.0096
	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
443	Base	1.2	4000	1.8	0.00054	0.00108	0.00216
	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
450	Base	2.2	18333	8.8	0.00264	0.00528	0.01056
	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



Processor Number	Frequency Type	Clock GHz	CTP	GFLOP	APP 1-way	APP 2-way	APP 4-way
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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](http://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.

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