

Processor Number	Frequency Type	Clock GHz	СТР	GFLOP	APP 1-way	APP 2-way	APP 4-way
E5-4603	Base	2	80000	64	0.0192	0.0384	0.0768
	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
E5-4607	Base	2.2	130533	105.6	0.03168	0.06336	0.12672
	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
E5-4610	Base	2.4	142400	115.2	0.03456	0.06912	0.13824
	Single Core Max Turbo	2.9	172067	139	0.04176	0.08352	0.16704
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5-4617	Base	2.9	172067	139.2	0.04176	0.08352	0.16704
	Single Core Max Turbo	3.4	201733	163	0.04896	0.09792	0.19584
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5-4620	Base	2.2	173067	140.8	0.04224	0.08448	0.16896
	Single Core Max Turbo	2.7	212400	173	0.05184	0.10368	0.20736
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5-4640	Base	2.4	188800	153.6	0.04608	0.09216	0.18432
	Single Core Max Turbo	3	236000	192	0.0576	0.1152	0.2304
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A
E5-4650	Base	2.7	212400	172.8	0.05184	0.10368	0.20736
	Single Core Max Turbo	3.5	275333	224	0.0672	0.1344	0.2688
	GPU ONLY	N/A	N/A	N/A	N/A	N/A	N/A



Processor Number	Frequency Type	Clock GHz	СТР	GFLOP	APP 1-way	APP 2-way	APP 4-way
E5-4650L	Base	2.6	204533	166.4	0.04992	0.09984	0.19968
	Single Core Max Turbo	3.3	259600	211	0.06336	0.12672	0.25344
	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.