

CPU	Intel	Frequency (GHz)		int (s)	uint (s)	ratio	long (s)	ulong (s)	ratio	penalty	penalty
		base	turbo								
Core(TM)2 Duo CPU E6550	conroe	2.33	2.33	60.07	59.29	101%	197.10	158.16	125%	3.28	2.67
Core(TM)2 Duo CPU T9300	penryn	2.50	2.50	37.80	38.02	99%					
Core(TM)2 Duo CPU E7500	wolfdale	2.93	2.93	33.95	34.09	100%	110.07	70.07	157%	3.24	2.06
Xeon(R) CPU E5440	harpertown	2.83	2.83	35.16	35.62	99%	114.24	72.59	157%	3.25	2.04
Core(TM) i5 CPU M 560	arrandale	2.67	3.20	34.35	34.43	100%	88.40	78.53	113%	2.57	2.28
Xeon(R) CPU E5-2620 0	sandy bridge	2.00	2.50	55.67	55.65	100%	116.20	115.27	101%	2.09	2.07
Xeon(R) CPU E5-2643 0	sandy bridge	3.30	3.50	39.84	39.74	100%	83.26	82.29	101%	2.09	2.07
Xeon(R) CPU E5-2695 v2	ivy bridge ep	2.40	3.20	40.66	50.29	81%	135.51	109.16	124%	3.33	2.17
Core(TM) i5-3210M	ivy bridge	2.50	3.10	28.98	38.66	75%	100.04	99.79	100%	3.45	2.58
Celeron(R) CPU 1007U	ivy bridge	1.50	1.50	59.81	79.78	75%					
Core(TM) i7-4810MQ	haswell	2.80	3.80	24.13	32.23	75%	78.01	72.61	107%	3.23	2.25
Core(TM) i7-5960X	haswell R2	3.00	3.50	27.10	36.14	75%	87.36	81.30	107%	3.22	2.25
Xeon(R) CPU E5-2697 v3	haswel ep	2.60	3.60	24.83	33.11	75%	80.02	74.48	107%	3.22	2.25
Xeon(R) CPU E5-2680 v4	broadwell	2.40	3.30	24.21	30.18	80%	81.13	75.43	108%	3.35	2.50
Xeon(R) CPU E5-2697A v4	broadwell	2.60	3.60	25.22	30.87	82%	79.80	78.54	102%	3.16	2.54
Pentium(R) CPU G4400	skylake	3.30	3.30	24.14	24.13	100%	82.31	76.04	108%	3.41	3.15
Xeon(R) Gold 5115	skylake ep	2.40	3.20	24.92	24.92	100%	85.24	78.59	108%	3.42	3.15
Core(TM) i7-7700HQ	kabylake	2.80	3.80	21.90	21.90	100%	74.50	68.45	109%	3.40	3.13
Xeon Phi(TM) CPU 7210	knl	1.30	1.50	188.67	107.69	175%	320.57	193.87	165%	1.70	1.80
CPU 4000	atom z3400	0.50	0.50	764.12	387.90	197%					
CPU	AMD										
Opteron 8439 SE	Istanbul	2.80	2.80	155.67	123.79	126%					
Opteron(tm) Processor 4386	Piledriver	3.10	3.10	44.26	41.48	107%	44.34	43.39	102%	1.00	1.05