



APP Metrics for Intel® Microprocessors

Intel® Pentium® Processor

Processor Group	Processor Number	GFLOPS	APP
Intel® Pentium® Gold Processor Series			
Intel® Pentium® Gold G6505 Processor (4M Cache, 4.20 GHz)	G6505	134.4	0.04032
Intel® Pentium® Gold G6505T Processor (4M Cache, 3.60 GHz)	G6505T	115.2	0.03456
Intel® Pentium® Gold G6405T Processor (4M Cache, 3.50 GHz)	G6405T	112	0.0336
Intel® Pentium® Gold 6500Y Processor (4M Cache, up to 3.40 GHz)	6500Y	35.2	0.01056
Intel® Pentium® Gold G6605 Processor (4M Cache, 4.30 GHz)	G6605	137.6	0.04128
Intel® Pentium® Gold G6405 Processor (4M Cache, 4.10 GHz)	G6405	131.2	0.03936
Intel® Pentium® Gold G7400T Processor (6M Cache, 3.10 GHz)	G7400T	99.2	0.02976
Intel® Pentium® Gold G7400E Processor (6M Cache, 3.60 GHz)	G7400E	115.2	0.03456
Intel® Pentium® Gold G7400TE Processor (6M Cache, 3.00 GHz)	G7400TE	96	0.0288
Intel® Pentium® Gold G7400 Processor (6M Cache, 3.70 GHz)	G7400	118.4	0.03552
Intel® Pentium® Gold 6405U Processor (2M Cache, 2.40 GHz)	6405U	76.8	0.02304
Intel® Pentium® Gold G5620 Processor (4M Cache, 4.00 GHz)	G5620	128	0.0384
Intel® Pentium® Gold G5600T Processor (4M Cache, 3.30 GHz)	G5600T	105.6	0.03168
Intel® Pentium® Gold G5420T Processor (4M Cache, 3.20 GHz)	G5420T	102.4	0.03072
Intel® Pentium® Gold G5420 Processor (4M Cache, 3.80 GHz)	G5420	121.6	0.03648
Intel® Pentium® Gold G5600 Processor (4M Cache, 3.90 GHz)	G5600	124.8	0.03744
Intel® Pentium® Gold G5500T Processor (4M Cache, 3.20 GHz)	G5500T	102.4	0.03072
Intel® Pentium® Gold G5500 Processor (4M Cache, 3.80 GHz)	G5500	121.6	0.03648
Intel® Pentium® Gold G5400T Processor (4M Cache, 3.10 GHz)	G5400T	99.2	0.02976
Intel® Pentium® Gold G5400 Processor (4M Cache, 3.70 GHz)	G5400	118.4	0.03552
Intel® Pentium® Gold 7505 Processor (4M Cache, up to 3.50 GHz, with IPU)	7505	64	0.0192
Intel® Pentium® Gold G6400 Processor (4M Cache, 4.00 GHz)	G6400	128	0.0384
Intel® Pentium® Gold G6500 Processor (4M Cache, 4.10 GHz)	G6500	131.2	0.03936
Intel® Pentium® Gold G6600 Processor (4M Cache, 4.20 GHz)	G6600	134.4	0.04032
Intel® Pentium® Gold G6400E Processor (4M Cache, 3.80 GHz)	G6400E	121.6	0.03648
Intel® Pentium® Gold G6400TE Processor (4M Cache, 3.20 GHz)	G6400TE	102.4	0.03072
Intel® Pentium® Gold G6400T Processor (4M Cache, 3.40 GHz)	G6400T	108.8	0.03264
Intel® Pentium® Gold G6500T Processor (4M Cache, 3.50 GHz)	G6500T	112	0.0336
Intel® Pentium® Silver Processor Series			
Intel® Pentium® Silver J5040 Processor (4M Cache, up to 3.20 GHz)	J5040	32	0.0096
Intel® Pentium® Silver N5030 Processor (4M Cache, up to 3.10 GHz)	N5030	17.6	0.00528
Intel® Pentium® Silver J5005 Processor (4M Cache, up to 2.80 GHz)	J5005	24	0.0072
Intel® Pentium® Silver N5000 Processor (4M Cache, up to 2.70 GHz)	N5000	17.6	0.00528
Intel® Pentium® Processor D Series			
Intel® Pentium® Processor D1519 (6M Cache, 1.50 GHz)	D1519	96	0.0288

Intel® Pentium® Processor D1517 (6M Cache, 1.60 GHz)	D1517	102.4	0.03072
Intel® Pentium® Processor D1509 (3M Cache, 1.50 GHz)	D1509	48	0.0144
Intel® Pentium® Processor D1508 (3M Cache, 2.20 GHz)	D1508	70.4	0.02112
Intel® Pentium® Processor D1507 (3M Cache, 1.20 GHz)	D1507	38.4	0.01152
Intel® Pentium® Processor G Series			
Intel® Pentium® Processor G4620 (3M Cache, 3.70 GHz)	G4620	118.4	0.03552
Intel® Pentium® Processor G4600T (3M Cache, 3.00 GHz)	G4600T	96	0.0288
Intel® Pentium® Processor G4600 (3M Cache, 3.60 GHz)	G4600	115.2	0.03456
Intel® Pentium® Processor G4560T (3M Cache, 2.90 GHz)	G4560T	92.8	0.02784
Intel® Pentium® Processor G4560 (3M Cache, 3.50 GHz)	G4560	112	0.0336
Intel® Pentium® Processor G4520 (3M Cache, 3.60 GHz)	G4520	115.2	0.03456
Intel® Pentium® Processor G4500T (3M Cache, 3.00 GHz)	G4500T	96	0.0288
Intel® Pentium® Processor G4500 (3M Cache, 3.50 GHz)	G4500	112	0.0336
Intel® Pentium® Processor G4400TE (3M Cache, 2.40 GHz)	G4400TE	76.8	0.02304
Intel® Pentium® Processor G4400T (3M Cache, 2.90 GHz)	G4400T	92.8	0.02784
Intel® Pentium® Processor G4400 (3M Cache, 3.30 GHz)	G4400	105.6	0.03168
Intel® Pentium® Processor G3470 (3M Cache, 3.60 GHz)	G3470	115.2	0.03456
Intel® Pentium® Processor G3460T (3M Cache, 3.00 GHz)	G3460T	96	0.0288
Intel® Pentium® Processor G3460 (3M Cache, 3.50 GHz)	G3460	112	0.0336
Intel® Pentium® Processor G3450T (3M Cache, 2.90 GHz)	G3450T	92.8	0.02784
Intel® Pentium® Processor G3450 (3M Cache, 3.40 GHz)	G3450	108.8	0.03264
Intel® Pentium® Processor G3440T (3M Cache, 2.80 GHz)	G3440T	89.6	0.02688
Intel® Pentium® Processor G3440 (3M Cache, 3.30 GHz)	G3440	105.6	0.03168
Intel® Pentium® Processor G3430 (3M Cache, 3.30 GHz)	G3430	105.6	0.03168
Intel® Pentium® Processor G3420T (3M Cache, 2.70 GHz)	G3420T	86.4	0.02592
Intel® Pentium® Processor G3420 (3M Cache, 3.20 GHz)	G3420	102.4	0.03072
Intel® Pentium® Processor G3260 (3M Cache, 3.30 GHz)	G3260	105.6	0.03168
Intel® Pentium® Processor G3258 (3M Cache, 3.20 GHz)	G3258	102.4	0.03072
Intel® Pentium® Processor G3320TE (3M Cache, 2.30 GHz)	G3320TE	73.6	0.02208
Intel® Pentium® Processor G3260T (3M Cache, 2.90 GHz)	G3260T	92.8	0.02784
Intel® Pentium® Processor G3250T (3M Cache, 2.80 GHz)	G3250T	89.6	0.02688
Intel® Pentium® Processor G3250 (3M Cache, 3.20 GHz)	G3250	102.4	0.03072
Intel® Pentium® Processor G3240T (3M Cache, 2.70 GHz)	G3240T	86.4	0.02592
Intel® Pentium® Processor G3240 (3M Cache, 3.10 GHz)	G3240	99.2	0.02976
Intel® Pentium® Processor G3220T (3M Cache, 2.60 GHz)	G3220T	83.2	0.02496
Intel® Pentium® Processor G3220 (3M Cache, 3.00 GHz)	G3220	96	0.0288
Intel® Pentium® Processor G2140 (3M Cache, 3.30 GHz)	G2140	52.8	0.01584
Intel® Pentium® Processor G2130 (3M Cache, 3.20 GHz)	G2130	51.2	0.01536
Intel® Pentium® Processor G2120T (3M Cache, 2.70 GHz)	G2120T	43.2	0.01296
Intel® Pentium® Processor G2120 (3M Cache, 3.10 GHz)	G2120	49.6	0.01488
Intel® Pentium® Processor G2100T (3M Cache, 2.60 GHz)	G2100T	41.6	0.01248
Intel® Pentium® Processor G2030T (3M Cache, 2.60 GHz)	G2030T	41.6	0.01248
Intel® Pentium® Processor G2030 (3M Cache, 3.00 GHz)	G2030	48	0.0144
Intel® Pentium® Processor G2020T (3M Cache, 2.50 GHz)	G2020T	40	0.012

Intel® Pentium® Processor G2020 (3M Cache, 2.90 GHz)	G2020	46.4	0.01392
Intel® Pentium® Processor G2010 (3M Cache, 2.80 GHz)	G2010	44.8	0.01344
Intel® Pentium® Processor G620 (3M Cache, 2.60 GHz)	G620	41.6	0.01248
Intel® Pentium® Processor G620T (3M Cache, 2.20 GHz)	G620T	35.2	0.01056
Intel® Pentium® Processor G622 (3M Cache, 2.60 GHz)	G622	41.6	0.01248
Intel® Pentium® Processor G630 (3M Cache, 2.70 GHz)	G630	43.2	0.01296
Intel® Pentium® Processor G630T (3M Cache, 2.30 GHz)	G630T	36.8	0.01104
Intel® Pentium® Processor G632 (3M Cache, 2.70 GHz)	G632	43.2	0.01296
Intel® Pentium® Processor G640 (3M Cache, 2.80 GHz)	G640	44.8	0.01344
Intel® Pentium® Processor G640T (3M Cache, 2.40 GHz)	G640T	38.4	0.01152
Intel® Pentium® Processor G645 (3M Cache, 2.90 GHz)	G645	46.4	0.01392
Intel® Pentium® Processor G645T (3M Cache, 2.50 GHz)	G645T	40	0.012
Intel® Pentium® Processor G840 (3M Cache, 2.80 GHz)	G840	44.8	0.01344
Intel® Pentium® Processor G850 (3M Cache, 2.90 GHz)	G850	46.4	0.01392
Intel® Pentium® Processor G860 (3M Cache, 3.00 GHz)	G860	48	0.0144
Intel® Pentium® Processor G860T (3M Cache, 2.60 GHz)	G860T	41.6	0.01248
Intel® Pentium® Processor G870 (3M Cache, 3.10 GHz)	G870	49.6	0.01488
Intel® Pentium® Processor J Series			
Intel® Pentium® Processor J4205 (2M Cache, up to 2.6 GHz)	J4205	12	0.0036
Intel® Pentium® Processor J3710 (2M Cache, up to 2.64 GHz)	J3710	9.6	0.00288
Intel® Pentium® Processor J2900 (2M Cache, up to 2.67 GHz)	J2900	14.46	0.00434
Intel® Pentium® Processor J2850 (2M Cache, 2.41 GHz)	J2850	14.46	0.00434
Intel® Pentium® Processor J6426 (1.5M Cache, up to 3.00 GHz)	J6426	128	0.0384
Intel® Pentium® Processor N Series			
Intel® Pentium® Processor N4200E (2M Cache, up to 2.50 GHz)	N4200E	8.8	0.00264
Intel® Pentium® Processor N4200 (2M Cache, up to 2.5 GHz)	N4200	8.8	0.00264
Intel® Pentium® Processor N3540 (2M Cache, up to 2.66 GHz)	N3540	12.96	0.00389
Intel® Pentium® Processor N3530 (2M Cache, up to 2.58 GHz)	N3530	13.02	0.00391
Intel® Pentium® Processor N3520 (2M Cache, up to 2.42 GHz)	N3520	13.02	0.00391
Intel® Pentium® Processor N3510 (2M Cache, 2.00 GHz)	N3510	12	0.0036
Intel® Pentium® Processor N3700 (2M Cache, up to 2.40 GHz)	N3700	9.6	0.00288
Intel® Pentium® Processor N3710 (2M Cache, up to 2.56 GHz)	N3710	9.6	0.00288
Intel® Pentium® Processor N6415 (1.5M Cache, up to 3.00 GHz)	N6415	76.8	0.02304
Intel® Pentium® Processor 8000 Series			
Intel® Pentium® Processor 8505 (8M Cache, up to 4.40 GHz)	8505	96	0.0288
Intel® Pentium® Processor 8500 (8M Cache, up to 4.40 GHz)	8500	80	0.024
Intel® Pentium® Processor 4000 Series			
Intel® Pentium® Processor 4425Y (2M Cache, 1.70 GHz)	4425Y	54.4	0.01632
Intel® Pentium® Processor 4417U (2M Cache, 2.30 GHz)	4417U	73.6	0.02208
Intel® Pentium® Processor 4415U (2M Cache, 2.30 GHz)	4415U	73.6	0.02208
Intel® Pentium® Processor 4415Y (2M Cache, 1.60 GHz)	4415Y	51.2	0.01536
Intel® Pentium® Processor 4405Y (2M Cache, 1.50 GHz)	4405Y	48	0.0144
Intel® Pentium® Processor 4405U (2M Cache, 2.10 GHz)	4405U	67.2	0.02016
Intel® Pentium® Processor 3000 Series			

Intel® Pentium® Processor 3550M (2M Cache, 2.30 GHz)	3550M	76.8	0.02304
Intel® Pentium® Processor 3556U (2M Cache, 1.70 GHz)	3556U	54.4	0.01632
Intel® Pentium® Processor 3558U (2M Cache, 1.70 GHz)	3558U	54.4	0.01632
Intel® Pentium® Processor 3560M (2M Cache, 2.40 GHz)	3560M	76.8	0.02304
Intel® Pentium® Processor 3560Y (2M Cache, 1.20 GHz)	3560Y	38.4	0.01152
Intel® Pentium® Processor 3561Y (2M Cache, 1.20 GHz)	3561Y	38.4	0.01152
Intel® Pentium® Processor 3805U (2M Cache, 1.90 GHz)	3805U	60.8	0.01824
Intel® Pentium® Processor 3825U (2M Cache, 1.90 GHz)	3825U	60.8	0.01824
Intel® Pentium® Processor 2000 Series			
Intel® Pentium® Processor 2020M (2M Cache, 2.40 GHz)	2020M	38.4	0.01152
Intel® Pentium® Processor 2030M (2M Cache, 2.50 GHz)	2030M	40	0.012
Intel® Pentium® Processor 2117U (2M Cache, 1.80 GHz)	2117U	28.8	0.00864
Intel® Pentium® Processor 2127U (2M Cache, 1.90 GHz)	2127U	30.4	0.00912
Intel® Pentium® Processor 2129Y (2M Cache, 1.10 GHz)	2129Y	17.6	0.00528
Intel® Pentium® Processor 1000 Series			
Intel® Pentium® Processor 1403 v2 (6M Cache, 2.60 GHz)	1403V2	41.6	0.01248
Intel® Pentium® Processor 1405 v2 (6M Cache, 1.40 GHz)	1405V2	22.4	0.00672
Intel® Pentium® Processor 1403 (5M Cache, 2.60GHz)	1403	41.6	0.01248
Intel® Pentium® Processor 1405 (5M Cache, 1.2 GHz)	1405	19.2	0.00576
Intel® Pentium® Processor 1407 (5M Cache, 2.80GHz)	1407	44.8	0.01344
Legacy Intel® Pentium® Processor			
Intel® Pentium® Processor A1018 (1M Cache, 2.10 GHz)	A1018	33.6	0.01008
Intel® Pentium® Processor A1020 (2M Cache, up to 2.66 GHz)	A1020	14.46	0.00434
Intel® Pentium® Processor 350 (3M Cache, 1.2 GHz)	350	19.2	0.00576
Intel® Pentium® Processor 957 (2M Cache, 1.20 GHz)	957	19.2	0.00576
Intel® Pentium® Processor 967 (2M Cache, 1.30 GHz)	967	20.8	0.00624
Intel® Pentium® Processor 977 (2M Cache, 1.40 GHz)	977	22.4	0.00672
Intel® Pentium® Processor 987 (2M Cache, 1.50 GHz)	987	24	0.0072
Intel® Pentium® Processor 997 (2M Cache, 1.60 GHz)	997	25.6	0.00768
Intel® Pentium® Processor B915C (3M Cache, 1.50 GHz)	B915C	24	0.0072
Intel® Pentium® Processor B925C (4M Cache, 2.00 GHz)	B925C	32	0.0096
Intel® Pentium® Processor B940 (2M Cache, 2.00 GHz)	B940	32	0.0096
Intel® Pentium® Processor B950 (2M Cache, 2.10 GHz)	B950	33.6	0.01008
Intel® Pentium® Processor B960 (2M Cache, 2.20 GHz)	B960	35.2	0.01056
Intel® Pentium® Processor B970 (2M Cache, 2.30 GHz)	B970	36.8	0.01104
Intel® Pentium® Processor B980 (2M Cache, 2.40 GHz)	B980	38.4	0.01152
Intel® Pentium® Processor P6000 (3M Cache, 1.86 GHz)	P6000	14.93	0.00448
Intel® Pentium® Processor P6100 (3M Cache, 2.00 GHz)	P6100	16	0.0048
Intel® Pentium® Processor P6200 (3M Cache, 2.13 GHz)	P6200	17.04	0.00511
Intel® Pentium® Processor P6300 (3M Cache, 2.27 GHz)	P6300	18.13	0.00544
Intel® Pentium® Processor U5400 (3M Cache, 1.20 GHz)	U5400	9.6	0.00288
Intel® Pentium® Processor U5600 (3M Cache, 1.33 GHz)	U5600	10.66	0.0032

Intel Corporation is providing the Export Compliance Product Matrix which contains the information necessary to complete an export assessment against the US Export Administration Regulations and local country export regulations such as Giga Floating Point operations per Second (GFLOPS) and Adjusted Peak Performance (APP) in Weighted Teraflops (WT). All information provided in the Export Compliance Product 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, non-infringement, 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.