



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 6500Y Processor (4M Cache, up to 3.40 GHz)	6500Y	35.2	0.01056
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	0.00960
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	0.00720
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	0.02880
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	0.01440

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	0.02880
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	0.03360
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	0.02880
Intel® Pentium® Processor G4500 (3M Cache, 3.50 GHz)	G4500	112	0.03360
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	0.02880
Intel® Pentium® Processor G3460 (3M Cache, 3.50 GHz)	G3460	112	0.03360
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	0.02880
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	0.01440
Intel® Pentium® Processor G2020T (3M Cache, 2.50 GHz)	G2020T	40	0.01200
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 J Series			
Intel® Pentium® Processor J4205 (2M Cache, up to 2.6 GHz)	J4205	12	0.00360
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 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	0.00360
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 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 4410Y (2M Cache, 1.50 GHz)	4410Y	48	0.01440
Intel® Pentium® Processor 4405Y (2M Cache, 1.50 GHz)	4405Y	48	0.01440
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	0.01200
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 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
Legacy Intel® Pentium® Processor			
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	0.00720
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	0.00720
Intel® Pentium® Processor B925C (4M Cache, 2.00 GHz)	B925C	32	0.00960
Intel® Pentium® Processor B940 (2M Cache, 2.00 GHz)	B940	32	0.00960
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 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	0.01200
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	0.01440
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 P6000 (3M Cache, 1.86 GHz)	P6000	14.93	0.00448
Intel® Pentium® Processor P6100 (3M Cache, 2.00 GHz)	P6100	16	0.00480
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	0.00320
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

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