



APP Metrics for Intel® Microprocessors

Intel Atom® Processor

Processor Group	Processor Number	GFLOPS	APP
Intel Atom® x5-E8000 Processor (2M Cache, up to 2.00 GHz)	E8000	6.24	0.00187
Intel Atom® Processor C5335C1 (13.5M Cache, 2.4GHz)	C5335C1	115.2	0.03456
Intel Atom® Processor C5325 (9M Cache, 2.4GHz)	C5325	76.8	0.02304
Intel Atom® Processor C5320 (9M Cache, 2.4GHz)	C5320	76.8	0.02304
Intel Atom® Processor C5315 (9M Cache, 2.4GHz)	C5315	38.4	0.01152
Intel Atom® Processor C5310 (9M Cache, 1.6GHz)	C5310	25.6	0.00768
Intel Atom® Processor C5125 (9M Cache, 2.8GHz)	C5125	89.6	0.02688
Intel Atom® Processor C5115 (9M Cache, 2.8GHz)	C5115	44.8	0.01344
Intel Atom® Processor C3955 (16M Cache, up to 2.40 GHz)	C3955	67.2	0.02016
Intel Atom® Processor C3758R (16M Cache, 2.40 GHz)	C3758R	38.4	0.01152
Intel Atom® Processor C3558R (8M Cache, 2.40 GHz)	C3558R	19.2	0.00576
Intel Atom® Processor C3436L (8M Cache, 1.30 GHz)	C3436L	10.4	0.00312
Intel Atom® Processor C3338R (4M Cache, up to 2.20 GHz)	C3338R	7.2	0.00216
Intel Atom® Processor C1130 (6M Cache, 2.50 GHz)	C1130	320	0.096
Intel Atom® Processor C1110 (6M Cache, 2.10 GHz)	C1110	134.4	0.04032
Intel Atom® Processor C1100 (6M Cache, 2.10 GHz)	C1100	67.2	0.02016
Intel Atom® x7835RE processor (6M Cache, up to 3.60 GHz)	X7835RE	166.4	0.04992
Intel Atom® x7809C processor (6M Cache, up to 3.60 GHz)	X7809C	307.2	0.09216
Intel Atom® x7433RE processor (6M Cache, up to 3.40 GHz)	X7433RE	96	0.0288
Intel Atom® x7405C processor (6M Cache, up to 3.40 GHz)	X7405C	140.8	0.04224
Intel Atom® x7213RE processor (6M Cache, up to 3.40 GHz)	X7213RE	64	0.0192
Intel Atom® x7211RE processor (6M Cache, up to 3.20 GHz)	X7211RE	32	0.0096
Intel Atom® x7203C processor (6M Cache, up to 3.20 GHz)	X7203C	64	0.0192
Intel Atom® x6427FE Processor (1.5M Cache, 1.90 GHz)	X6427FE	121.6	0.03648
Intel Atom® x6425RE Processor (1.5M Cache, 1.90 GHz)	X6425RE	121.6	0.03648
Intel Atom® x6425E Processor (1.5M Cache, up to 3.00 GHz)	X6425E	115.2	0.03456
Intel Atom® x6414RE Processor (1.5M Cache, 1.50 GHz)	X6414RE	96	0.0288
Intel Atom® x6413E Processor (1.5M Cache, up to 3.00 GHz)	X6413E	96	0.0288
Intel Atom® x6212RE Processor (1.5M Cache, 1.20 GHz)	X6212RE	38.4	0.01152
Intel Atom® x6211E Processor (1.5M Cache, up to 3.00 GHz)	X6211E	38.4	0.01152
Intel Atom® x6200FE Processor (1.5M Cache, 1.00 GHz)	X6200FE	32	0.0096
Intel Atom® Processor P5752 (22.5M Cache, 2.2GHz)	P5752	176	0.0528
Intel Atom® Processor P5742 (18M Cache, 2.2GHz)	P5742	140.8	0.04224
Intel Atom® Processor P5731 (13.5M Cache, 2.2GHz)	P5731	105.6	0.03168
Intel Atom® Processor P5721 (9M Cache, 2.2GHz)	P5721	70.4	0.02112
Intel Atom® Processor P5362 (27M Cache, 2.2GHz)	P5362	211.2	0.06336

Intel Atom® Processor P5352 (22.5M Cache, 2.2GHz)	P5352	176	0.0528
Intel Atom® Processor P5342 (18M Cache, 2.2GHz)	P5342	140.8	0.04224
Intel Atom® Processor P5332 (13.5M Cache, 2.2GHz)	P5332	105.6	0.03168
Intel Atom® Processor P5322 (9M Cache, 2.2GHz)	P5322	70.4	0.02112
Intel Atom® Processor C3958 (16M Cache, up to 2.0 GHz)	C3958	64	0.0192
Intel Atom® Processor C3950 (16M Cache, up to 2.20 GHz)	C3950	54.4	0.01632
Intel Atom® Processor C3858 (12M Cache, up to 2.0 GHz)	C3858	48	0.0144
Intel Atom® Processor C3850 (12M Cache, up to 2.40 GHz)	C3850	50.4	0.01512
Intel Atom® Processor C3830 (12M Cache, up to 2.30 GHz)	C3830	45.6	0.01368
Intel Atom® Processor C3808 (12M Cache, up to 2.0 GHz)	C3808	48	0.0144
Intel Atom® Processor C3758 (16M Cache, up to 2.20 GHz)	C3758	35.2	0.01056
Intel Atom® Processor C3750 (16M Cache, up to 2.40 GHz)	C3750	35.2	0.01056
Intel Atom® Processor C3708 (16M Cache, up to 1.70 GHz)	C3708	27.2	0.00816
Intel Atom® Processor C3558 (8M Cache, up to 2.20 GHz)	C3558	17.6	0.00528
Intel Atom® Processor C3538 (8M Cache, up to 2.10 GHz)	C3538	16.8	0.00504
Intel Atom® Processor C3508 (8M Cache, up to 1.60 GHz)	C3508	12.8	0.00384
Intel Atom® Processor C3338 (4M Cache, up to 2.20 GHz)	C3338	6	0.0018
Intel Atom® Processor C3336 (4M Cache, 1.50 GHz)	C3336	6	0.0018
Intel Atom® Processor C3308 (4M Cache, up to 2.10 GHz)	C3308	6.4	0.00192
Intel Atom® Processor C2758 (4M Cache, 2.40 GHz)	C2758	28.8	0.00864
Intel Atom® Processor C2750 (4M Cache, 2.40 GHz)	C2750	28.8	0.00864
Intel Atom® Processor C2738 (4M Cache, 2.40 GHz)	C2738	28.8	0.00864
Intel Atom® Processor C2730 (4M Cache, 1.70 GHz)	C2730	20.4	0.00612
Intel Atom® Processor C2718 (4M Cache, 2.00 GHz)	C2718	24	0.0072
Intel Atom® Processor C2558 (2M Cache, 2.40 GHz)	C2558	14.4	0.00432
Intel Atom® Processor C2550 (2M Cache, 2.40 GHz)	C2550	14.4	0.00432
Intel Atom® Processor C2538 (2M Cache, 2.40 GHz)	C2538	14.4	0.00432
Intel Atom® Processor C2530 (2M Cache, 1.70 GHz)	C2530	10.2	0.00306
Intel Atom® Processor C2518 (2M Cache, 1.70 GHz)	C2518	10.2	0.00306
Intel Atom® Processor C2516 (2M Cache, 1.40 GHz)	C2516	8.4	0.00252
Intel Atom® Processor C2508 (2M Cache, 1.25 GHz)	C2508	7.5	0.00225
Intel Atom® Processor C2358 (1M Cache, 1.70 GHz)	C2358	5.1	0.00153
Intel Atom® Processor C2350 (1M Cache, 1.70 GHz)	C2350	5.1	0.00153
Intel Atom® Processor C2338 (1M Cache, 1.70 GHz)	C2338	5.1	0.00153
Intel Atom® Processor C2316 (1M Cache, 1.50 GHz)	C2316	4.5	0.00135
Intel Atom® Processor C2308 (1M Cache, 1.25 GHz)	C2308	3.75	0.00113
Intel Atom® x7-E3950 Processor (2M Cache, up to 2.00 GHz)	x7-E3950	12.8	0.00384
Intel Atom® x5-Z8350 Processor (2M Cache, up to 1.92 GHz)	X5-Z8350	8.64	0.00259
Intel Atom® x5-E3940 Processor (2M Cache, up to 1.80 GHz)	x5-E3940	12.8	0.00384
Intel Atom® x5-E3930 Processor (2M Cache, up to 1.80 GHz)	x5-E3930	5.2	0.00156
Intel Atom® x5-E8000 Processor (2M Cache, up to 2.00 GHz)	x5-E8000	6.24	0.00187
Intel Atom® x6214RE Processor (1.5M Cache, 1.40 GHz)	X6214RE	44.8	0.01344
Intel Atom® x6416RE Processor (1.5M Cache, 1.70 GHz)	X6416RE	108.8	0.03264
Intel Atom® x7211E (6M Cache, up to 3.20 GHz)	X7211E	32	0.0096

Intel Atom® x7213E (6M Cache, up to 3.20 GHz)	X7213E	54.4	0.01632
Intel Atom® x7425E (6M Cache, up to 3.40 GHz)	X7425E	96	0.0288
Intel Atom® Processor E3845 (2M Cache, 1.91 GHz)	E3845	11.46	0.00344
Intel Atom® Processor E3827 (1M Cache, 1.75 GHz)	E3827	5.25	0.00158
Intel Atom® Processor E3826 (1M Cache, 1.46 GHz)	E3826	4.38	0.00131
Intel Atom® Processor E3825 (1M Cache, 1.33 GHz)	E3825	3.99	0.0012
Intel Atom® Processor E3815 (512K Cache, 1.46 GHz)	E3815	2.19	0.00066
Intel Atom® Processor E3805 (1M Cache, 1.33 GHz)	E3805	3.99	0.0012
Intel Atom® Processor Z3735E (2M Cache, up to 1.83 GHz)	Z3735E	7.98	0.00239
Intel Atom® Processor Z3735F (2M Cache, up to 1.83 GHz)	Z3735F	7.98	0.00239
Intel Atom® Processor Z3735G (2M Cache, up to 1.83 GHz)	Z3735G	7.98	0.00239
Intel Atom® Processor Z3736F (2M Cache, up to 2.16 GHz)	Z3736F	7.98	0.00239
Intel Atom® Processor Z3736G (2M Cache, up to 2.16 GHz)	Z3736G	7.98	0.00239
Intel Atom® Processor Z3740 (2M Cache, up to 1.86 GHz)	Z3740	7.98	0.00239
Intel Atom® Processor Z3740D (2M Cache, up to 1.83 GHz)	Z3740D	7.98	0.00239
Intel Atom® Processor Z3745 (2M Cache, up to 1.86 GHz)	Z3745	7.98	0.00239
Intel Atom® Processor Z3745D (2M Cache, up to 1.83 GHz)	Z3745D	7.98	0.00239
Intel Atom® Processor Z3770 (2M Cache, up to 2.39 GHz)	Z3770	8.76	0.00263
Intel Atom® Processor Z3770D (2M Cache, up to 2.41 GHz)	Z3770D	9	0.0027
Intel Atom® Processor Z3775 (2M Cache, up to 2.39 GHz)	Z3775	8.76	0.00263
Intel Atom® Processor Z3775D (2M Cache, up to 2.41 GHz)	Z3775D	9	0.0027
Intel Atom® Processor Z3785 (2M Cache, up to 2.41 GHz)	Z3785	9	0.0027
Intel Atom® Processor Z3795 (2M Cache, up to 2.39 GHz)	Z3795	9.6	0.00288
Intel® Processor 300T (6M Cache, up to 3.40 GHz)	300T	108.8	0.03264
Intel® Processor 300 (6M Cache, up to 3.90 GHz)	300	124.8	0.03744
Intel® Processor U303L (12M Cache, up to 4.60 GHz)	U303L	144	0.0432
Intel® Processor U302L (10M Cache, up to 4.50 GHz)	U302L	128	0.0384
Intel® Processor U301L (8M Cache, up to 4.40 GHz)	U301L	112	0.0336
Intel® Processor U300L (8M Cache, up to 4.40 GHz)	U300L	96	0.0288
Intel® Processor U300E (8M Cache, up to 4.30 GHz)	U300E	88	0.0264
Intel® Processor U300 (8M Cache, up to 4.40 GHz)	U300	96	0.0288
Intel® Processor N97 (6M Cache, up to 3.60 GHz)	N97	128	0.0384
Intel® Processor N95 (6M Cache, up to 3.40 GHz)	N95	108.8	0.03264
Intel® Processor N50 (6M Cache, up to 3.40 GHz)	N50	32	0.0096
Intel® Processor N250 (6M Cache, up to 3.80 GHz)	N250	76.8	0.02304
Intel® Processor N200 (6M Cache, up to 3.70 GHz)	N200	64	0.0192
Intel® Processor N150 (6M Cache, up to 3.60 GHz)	N150	51.2	0.01536
Intel® Processor N100 (6M Cache, up to 3.40 GHz)	N100	51.2	0.01536

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