

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU Mega List

Below is a list of all single socket CPU types that appear in the charts. By clicking the column headings you can sort the CPUs, you can also filter your search by selecting one of the drop down categories or by using the range sliders. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you.

Single CPU Systems *Last Updated: 15th of July 2021*

 Show entries

CPU Name ▲▼ <input type="text" value="Search..."/>	CPU Mark ▲▼ <input type="text" value="Min..."/> - <input type="text" value="Max..."/>	Thread Mark ▲▼ <input type="text" value="Min..."/> - <input type="text" value="Max..."/>	TDP (W) ▲▼ <input type="text" value="Min..."/> - <input type="text" value="Max..."/>
Intel Pentium 4 1300MHz	77	203	51.6
VIA Eden 1000MHz	80	83	5
Intel Pentium 4 1500MHz	81	223	57.8
Intel Pentium 4 1400MHz	83	180	54.7
Intel Pentium 4 1.60GHz	84	225	38
Intel Pentium 4 1.50GHz	86	228	57.8
Intel Pentium 4 1.70GHz	86	254	64
ARM Cortex-A7 2 Core 960 MHz	93	140	NA
VIA Eden 1200MHz	93	97	7
VIA Esther 1000MHz	95	82	NA
Intel Celeron 1.80GHz	96	307	66.1
Intel Pentium III Mobile 866MHz	99	132	NA
Intel Pentium 4 1700MHz	100	266	64
Intel Celeron 1.70GHz	101	190	NA
VIA Nehemiah	101	75	NA
Intel Pentium 4 1.90GHz	104	292	69.2
Intel Celeron B710 @ 1.60GHz	106	101	35
VIA C7-M 1200MHz	112	93	NA
Intel Celeron 1100MHz	113	183	NA
Intel Pentium 4 1800MHz	114	317	68.1
Intel Pentium 4 Mobile 1.80GHz	114	195	NA
Intel Pentium 4 1.80GHz	115	318	68.1
Intel Pentium 4 Mobile 1.60GHz	116	254	NA
VIA C7-M 1600MHz	116	124	15
Mobile Intel Celeron 1.70GHz	118	254	NA
Intel Pentium III Mobile 800MHz	119	155	NA

[Intel Pentium III Mobile 900MHz](#)

CPU Name
[Mobile Intel Pentium 4 - M 1.80GHz](#)
 Search...



CPU Mark
 Min... - Max...

Thread Mark
 Min... - Max...

TDP (W)
 Min... - Max...

CPU Benchmarks ▼

Mobile Intel Pentium 4 - M 1.70GHz	121	297	NA
Intel Celeron M 410 @ 1.46GHz	123	301	27
Intel Celeron M 900MHz	123	155	NA
Intel Celeron 2.00GHz	125	338	52.8
Intel Celeron M 443 @ 1.20GHz	125	288	5.5
Intel Core Solo U1300 @ 1.06GHz	127	340	6
AMD G-T44R	130	328	9
Intel Core Solo U1400 @ 1.20GHz	130	365	5.5
Mobile Intel Pentium III - M 933MHz	130	177	20.1
Intel Pentium 4 2.40GHz	131	360	59.8
Intel Pentium 4 Mobile 2.00GHz	132	310	NA
Intel Pentium 4 2.00GHz	133	349	54.3
Mobile Intel Celeron 2.00GHz	133	290	NA
VIA Esther 1500MHz	135	112	NA
Intel Pentium 4 Mobile 1.90GHz	136	282	NA
Mobile Intel Pentium 4 - M 2.00GHz	138	345	NA
Intel Celeron 1000MHz	139	174	NA
Intel Celeron 2.20GHz	139	349	NA
Intel Celeron M 420 @ 1.60GHz	139	391	27
Mobile Intel Pentium 4 - M 2.40GHz	139	317	NA
Intel Pentium M 900MHz	141	200	7
ARM Cortex-A7 2 Core 1080 MHz	142	200	NA
Intel Celeron 2.40GHz	143	397	NA
Intel Celeron 2.60GHz	143	353	NA
Mobile Intel Pentium 4 - M 2.20GHz	143	388	NA
VIA C7-M 6300MHz	145	121	NA
Mobile Intel Pentium III - M 1200MHz	146	185	22
Mobile Intel Celeron 2.20GHz	147	355	NA
Intel Celeron 2.30GHz	148	364	NA
Intel Celeron M 1.00GHz	149	197	NA
Intel Pentium 4 2.93GHz	150	269	NA
VIA C7-D 1800MHz	150	147	20
Intel Pentium 4 2.26GHz	151	409	58
Intel Xeon 2.00GHz	152	259	NA
Intel Atom N435 @ 1.33GHz	153	220	NA
AMD Athlon 64 2000+	154	173	8
Intel Celeron 2.66GHz	154	417	NA
Intel Pentium 4 3.83GHz	154	237	NA
Mobile Intel Celeron 2.40GHz	154	376	NA
Intel Celeron M 440 @ 1.86GHz	155	440	27
Intel Pentium M 1200MHz	155	166	12
Intel Atom Z520 @ 1.33GHz	156	145	2
Intel Pentium III Mobile 1200MHz	156	216	NA
Intel Pentium M 1000MHz	156	222	7
Intel Pentium 4 2.20GHz	157	379	57.1
Intel Pentium 4 2.66GHz	157	431	66.1
Intel Atom Z670 @ 1.50GHz	158	95	3
Intel Atom E3815 @ 1.46GHz	159	238	5
Intel Celeron 1000MHz	159	210	NA

CPU Mark -
Thread Mark -
TDP (W) -

CPU Benchmarks

Intel Atom D410 @ 1.66GHz	162	254	10
Intel Atom N455 @ 1.66GHz	162	258	6.5
Intel Pentium 4 2.53GHz	162	442	61.5
Intel Celeron 2.50GHz	164	431	NA
Intel Core Solo U1500 @ 1.33GHz	164	375	5.5
Intel Pentium III Mobile 1133MHz	164	218	NA
Intel XEON 2.20GHz	164	351	NA
Mobile AMD Sempron 2100+	164	203	8
VIA Nano L2207@1600MHz	165	191	17
Intel Celeron 2.13GHz	166	361	NA
AMD Athlon XP 1500+	167	251	NA
Intel Celeron 2.53GHz	169	434	NA
Intel Celeron M 430 @ 1.73GHz	169	466	27
Mobile AMD Athlon XP-M 1600+	169	274	NA
Mobile AMD Athlon MP-M 1800+	173	262	35
AMD Athlon XP 1600+	174	265	NA
Intel Celeron 215 @ 1.33GHz	174	440	27
Intel Atom N270 @ 1.60GHz	175	164	2.5
Intel Atom N280 @ 1.66GHz	175	226	2.5
AMD Athlon XP 1700+	176	272	64
AMD G-T52R	177	381	18
Intel Atom N450 @ 1.66GHz	177	270	5.5
AMD C-30	178	375	9
Intel Atom N475 @ 1.83GHz	179	281	6.5
VIA Nano U2250@1300+MHz	179	156	10
Intel Xeon 2.40GHz	180	387	NA
Intel Celeron 2.26GHz	182	382	NA
Mobile Intel Pentium 4 2.66GHz	182	425	66.1
AMD Athlon XP1600+	183	272	NA
Intel Atom Z530 @ 1.60GHz	183	161	2
Mobile Intel Celeron 1333MHz	183	248	NA
AMD Sempron 2200+	184	279	NA
AMD V105	184	452	9
Intel Pentium M 1.10GHz	184	218	NA
VIA Nano U3500@1000MHz	184	286	5
AMD E-240	188	450	18
Intel Atom N2100 @ 1.60GHz	188	310	NA
Intel Pentium M 1500MHz	188	251	24.5
Intel Celeron 2.80GHz	190	425	68.4
AMD Athlon 1500+	191	275	NA
Rockchip RK3229	191	115	NA
Mobile AMD Athlon MP-M 2400+	192	314	NA
Intel Pentium III 1400 @ 1400MHz	193	272	31.2
Intel Pentium M 1600MHz	193	313	24.5
Mobile AMD Athlon XP-M 1800+	193	291	45
Intel Core Solo T1350 @ 1.86GHz	194	413	31
Intel Pentium III 1400S @ 1400MHz	194	278	32.2
AMD Athlon XP 1800+	195	301	66
AMD Athlon XP 2000+	195	311	70

[AMD Athlon XP 2000+](#)
CPU Name
[AMD Sempron 2500+](#)

CPU Mark
 -

Thread Mark
 -

TDP (W)
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CPU Benchmarks

Mobile AMD Athlon XP-M 2000+	196	301	NA
AMD Athlon L110	197	223	13
Intel Celeron M 1300MHz	197	274	NA
Intel Pentium M 1300MHz	197	271	22
Intel Pentium M 1.20GHz	199	262	NA
VIA Nano U2500@1200MHz	199	184	7
AMD Athlon XP 1900+	203	312	NA
AMD Sempron 2400+	205	321	NA
Intel Celeron M 1.30GHz	205	284	NA
Mobile Intel Pentium 4 2.80GHz	205	397	69.7
AMD Sempron 2300+	207	314	NA
Intel Pentium M 1400MHz	208	282	22
Intel Celeron 220 @ 1.20GHz	209	255	19
AMD Athlon XP 2100+	210	327	NA
Intel Atom 230 @ 1.60GHz	210	167	4
Intel Celeron 807UE @ 1.00GHz	210	366	10
Intel Core Solo T1300 @ 1.66GHz	210	518	27
Intel Celeron 723 @ 1.20GHz	213	460	10
AMD Athlon XP 2200+	214	335	NA
Intel Pentium M 1.73GHz	214	479	27
Intel Pentium 4 2.60GHz	215	494	69
Intel Celeron M 1.50GHz	216	280	21
Intel Celeron M 1500MHz	217	297	NA
Intel Core Duo U2500 @ 1.20GHz	220	362	9
Mobile Intel Pentium 4 3.06GHz	220	423	81.8
Intel Celeron M 360 1.40GHz	221	305	21
Intel Atom D425 @ 1.80GHz	222	320	10
Intel Atom N470 @ 1.83GHz	224	308	6.5
Intel Celeron M 1.60GHz	224	318	NA
Intel Pentium M 1.40GHz	225	264	22
Mobile AMD Athlon XP-M 2400+	225	355	NA
Mobile AMD Athlon XP-M 2500+	226	355	NA
Intel Celeron M 520 @ 1.60GHz	227	553	30
Intel Pentium M 2.26GHz	227	508	27
MT6735M	228	131	NA
Intel Pentium M 1.60GHz	229	307	24.5
Intel Celeron 2.93GHz	230	396	NA
Intel Celeron M 450 @ 2.00GHz	230	598	27
AMD Athlon XP 2500+	231	353	NA
AMD Sempron 3500+	232	264	62
Intel Celeron D 347 @ 3.06GHz	232	565	86
Mobile Intel Pentium 4 3.20GHz	232	468	82
ARM Cortex-A7 4 Core 900 MHz	233	166	NA
Intel Core2 Solo U2100 @ 1.06GHz	233	258	5.5
Mobile AMD Athlon 4 2400+	233	358	NA
AMD Athlon XP 2400+	234	375	NA
Intel Celeron 3.06GHz	234	514	NA
Intel Pentium 4 2.80GHz	235	506	69.7
Intel Pentium M 1.70MHz	237	264	24.5

[Intel Pentium M 1.700MHz](#)
CPU Name

[Mobile AMD Athlon XP-M 2200+](#)

CPU Mark **Thread Mark** **TDP (W)**

Min... - Max... Min... - Max... Min... - Max...

CPU Benchmarks ▼

Mobile AMD Athlon XP-M 2800+	238	385	NA
Mobile AMD Athlon XP-M 3000+	238	365	NA
SAMSUNG SERRANO	238	328	NA
Intel Pentium M 1.70GHz	239	318	24.5
Intel Pentium SU2700 @ 1.30GHz	239	432	10
Intel Pentium M 1.50GHz	240	323	24.5
Mobile AMD Athlon 2500+	241	365	NA
Mobile AMD Athlon XP-M 2600+	241	375	NA
AMD Athlon XP 2600+	242	380	NA
AMD Athlon 64 2600+	243	292	15
AMD Athlon XP2400+	243	390	NA
AMD Sempron 2800+	243	408	62
Mobile AMD Sempron 3200+	245	525	NA
AMD Turion 64 Mobile MT-30	246	294	25
AMD GX-210JA SOC	248	231	6
Intel Pentium 4 3.06GHz	249	551	81.8
AMD Sempron LE-1150	251	477	45
Intel Celeron D 356 @ 3.33GHz	251	619	86
Intel Celeron M 1.70GHz	252	370	NA
Intel Core2 Solo U3500 @ 1.40GHz	252	546	5.5
msm8960dt	252	279	NA
AMD Sempron 2600+	253	325	NA
Intel Core Solo T1400 @ 1.83GHz	253	525	27
AMD Turion 64 Mobile ML-28	254	314	25
VIA Nano L2007@1600MHz	254	242	25
Intel Core Duo U2400 @ 1.06GHz	255	342	9
AMD Athlon XP 2700+	256	398	NA
Intel Atom E3826 @ 1.46GHz	256	404	7
Mobile AMD Sempron 2600+	256	316	NA
AMD Sempron SI-40	257	537	25
AMD Athlon XP 2800+	260	408	89
AMD C-50	260	315	9
Intel Celeron 420 @ 1.60GHz	260	479	35
Intel Xeon 2.80GHz	260	384	103
Rockchip RK3326	260	201	NA
AMD Sempron SI-42	261	650	25
AMD Athlon XP 3000+	262	396	62
AMD Z-60 APU	262	318	4.5
AMD G-T40E	263	300	6.4
Intel Celeron 3.33GHz	263	528	NA
Intel Celeron 743 @ 1.30GHz	263	528	10
VIA Eden C1050@1.06GHz	263	283	NA
Qualcomm Technologies, Inc MSM8909	264	169	NA
Qualcomm MSM8226	265	176	NA
AMD Sempron 210U	267	299	15
Intel Celeron 3.20GHz	267	599	NA
Intel Celeron M 723 @ 1.20GHz	267	507	10
AMD Athlon TF-20	268	269	15
AMD Sempron 2600+	268	325	NA

[AMD Sempron 3000+](#)
CPU Name
[Mobile AMD Sempron 3000+](#)

CPU Mark
 Min... - Max...

Thread Mark
 Min... - Max...

TDP (W)
 Min... - Max...

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VIA Nano U2250 (1.6GHz Capable)	270	259	8
Intel Pentium M 2.13GHz	271	354	27
AMD Athlon 2650e	274	304	NA
Intel Atom D2500 @ 1.86GHz	275	346	10
AMD Athlon XP 2900+	276	410	NA
AMD Turion 64 Mobile ML-30	277	314	35
AMD Turion 64 Mobile ML-34	277	329	35
Mobile AMD Sempron 3100+	277	359	NA
AMD Turion 64 Mobile MT-34	279	328	24
VIA Nano L2100@1800MHz	279	182	25
Intel Pentium M 1.80GHz	280	389	21
UNIVERSAL3475	280	172	NA
AMD Athlon XP 3200+	281	430	62

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Notes:

- 1 Price is obtained from our affiliates. '*' after the price denotes the last seen price for products that are no longer available.
- 2 CPU Value is calculated by taking CPU Mark / Price.
- 3 Single Thread Value is calculated by taking Single Thread CPU Mark / Price.
- 4 Power Performance is calculated by taking CPU Mark / TDP.
- 5 Test Date is the date of our first benchmark submission.

Software

- [BurnInTest](#)
- [PerformanceTest](#)
- [OSForensics](#)
- [MemTest86](#)
- [WirelessMon](#)
- [Zoom Search Engine](#)
- [Free Software](#)

Hardware

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