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Smartphone Processors Ranking

Updated performance rating as of January 2022. Click on the name to see more detailed information about a particular chip or select 2 items via the checkbox to compare them.

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#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
1 <input type="checkbox"/>	A15 Bionic Apple	97 A+	806647	1744 / 4728	6 (2+4)	3223 MHz	Apple G
2 <input type="checkbox"/>	Dimensity 9000 MediaTek	95 A+	1019350	1280 / 4336	8 (1+3+4)	3050 MHz	Mali M6 G710
3 <input type="checkbox"/>	Snapdragon 8 Gen 1 Qualcomm	94 A+	1013633	1216 / 3805	8 (1+3+4)	3000 MHz	Adreno
4 <input type="checkbox"/>	A14 Bionic Apple	93 A+	727322	1598 / 4147	6 (2+4)	3100 MHz	Apple G
5 <input type="checkbox"/>	Snapdragon 888 Plus Qualcomm	91 A+	847914	1176 / 3645	8 (1+3+4)	2995 MHz	Adreno
6 <input type="checkbox"/>	Snapdragon 888 Qualcomm	90 A+	796501	1133 / 3712	8 (1+3+4)	2840 MHz	Adreno
7 <input type="checkbox"/>	Exynos 2200 Samsung	86 A+	970784	1116 / 3517	8 (1+3+4)	MHz	Samsun Xclipse
8 <input type="checkbox"/>	Google Tensor Google	85 A+	728678	1052 / 2863	8 (2+2+4)	2800 MHz	Mali-G7 MP20
9 <input type="checkbox"/>	Kirin 9000 HiSilicon	85 A+	766950	1050 / 3742	8 (1+3+4)	3130 MHz	Mali-G7 MP24
10 <input type="checkbox"/>	Exynos 2100 Samsung	82 A	748935	1090 / 3621	8 (1+3+4)	2900 MHz	Mali-G7 MP14
11 <input type="checkbox"/>	A13 Bionic Apple	82 A	619360	1342 / 3518	6 (2+4)	2660 MHz	Apple A Bionic C

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
12	Kirin 9000E	79 A	733237	1073 / 3775	8 (1+3+4)	3130 MHz	Mali-G7 MP22
<input type="checkbox"/>	HiSilicon						
13	Snapdragon 870	78 A	695663	1007 / 3392	8 (1+3+4)	3200 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
14	Exynos 1080	78 A	709568	837 / 2940	8 (1+3+4)	2800 MHz	Mali-G7 MP10
<input type="checkbox"/>	Samsung						
15	Snapdragon 865 Plus	78 A	710034	926 / 3312	8 (1+3+4)	3100 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
16	Dimensity 1200	76 A	673127	980 / 3334	8 (1+3+4)	3000 MHz	Mali-G7
<input type="checkbox"/>	MediaTek						
17	Dimensity 1100	74 A	661618	865 / 3291	8 (4+4)	2600 MHz	Mali-G7
<input type="checkbox"/>	MediaTek						
18	Snapdragon 865	74 A	652561	937 / 3468	8 (1+3+4)	2840 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
19	Dimensity 1000 Plus	69 B	605054	792 / 2885	8 (4+4)	2600 MHz	Mali-G7
<input type="checkbox"/>	MediaTek						
20	A12 Bionic	69 B	535041	1124 / 2940	6 (2+4)	2490 MHz	Apple A Bionic C
<input type="checkbox"/>	Apple						
21	Snapdragon 860	67 B	565600	737 / 2579	8 (1+3+4)	2960 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
22	Exynos 990	67 B	594660	939 / 2740	8 (2+2+4)	2730 MHz	Mali-G7 MP11
<input type="checkbox"/>	Samsung						
23	Snapdragon 855 Plus	67 B	544151	783 / 2816	8 (1+3+4)	2960 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
24	Snapdragon 778G Plus	65 B	551788	820 / 2984	8 (1+3+4)	2500 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
25	Kirin 990 (5G)	65 B	558943	773 / 3088	8 (2+2+4)	2860 MHz	Mali G7 MP16
<input type="checkbox"/>	HiSilicon						

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
26	Snapdragon 780G	<div>64</div> B	534813	806 / 2911	8 (1+3+4)	2400 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
27	Snapdragon 778G	<div>63</div> B	530746	777 / 2840	8 (1+3+4)	2400 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
28	Snapdragon 855	<div>63</div> B	510802	744 / 2623	8 (1+3+4)	2840 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
29	Kirin 990 (4G)	<div>62</div> B	498658	745 / 3075	8 (2+2+4)	2860 MHz	Mali G7 MP16
<input type="checkbox"/>	HiSilicon		<div></div>	<div></div>			
30	Exynos 9825	<div>60</div> B	511172	775 / 2412	8 (2+2+4)	2730 MHz	Mali G7 MP12
<input type="checkbox"/>	Samsung		<div></div>	<div></div>			
31	Dimensity 1000	<div>59</div> B	445725	679 / 2886	8 (4+4)	2600 MHz	Mali-G7
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
32	Exynos 9820	<div>59</div> B	504153	836 / 2324	8 (2+2+4)	2700 MHz	Mali G7 MP12
<input type="checkbox"/>	Samsung		<div></div>	<div></div>			
33	Dimensity 920	<div>58</div> B	477398	795 / 2589	8 (2+6)	2500 MHz	Mali-G6
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
34	Dimensity 1000L	<div>57</div> B	434517	651 / 2523	8 (4+4)	2200 MHz	Mali-G7
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
35	Kirin 985	<div>56</div> B	463193	694 / 2591	8 (1+3+4)	2580 MHz	Mali-G7
<input type="checkbox"/>	HiSilicon		<div></div>	<div></div>			
36	Kirin 980	<div>56</div> B	486589	701 / 2491	8 (2+2+4)	2600 MHz	Mali G7 MP10
<input type="checkbox"/>	HiSilicon		<div></div>	<div></div>			
37	Kirin 820	<div>55</div> B	437138	641 / 2469	8 (1+3+4)	2360 MHz	Mali-G5
<input type="checkbox"/>	HiSilicon		<div></div>	<div></div>			
38	Dimensity 820	<div>54</div> B	451363	526 / 2415	8 (4+4)	2600 MHz	Mali-G5
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
39	Snapdragon 768G	<div>54</div> B	446527	709 / 1995	8 (1+1+6)	2800 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
40	Snapdragon 695	<div>52</div> B	407741	673 / 1895	8 (2+6)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
41	Dimensity 900	<div>52</div> B	422546	711 / 2143	8 (2+6)	2400 MHz	Mali-G6
<input type="checkbox"/>	MediaTek						
42	Snapdragon 845	<div>52</div> B	407723	510 / 2202	8 (4+4)	2800 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
43	A11 Bionic	<div>51</div> C	384729	928 / 2346	6 (2+4)	2390 MHz	Apple G
<input type="checkbox"/>	Apple						
44	Exynos 9810	<div>51</div> C	418313	681 / 2014	8 (4+4)	2900 MHz	Mali-G72MP
<input type="checkbox"/>	Samsung						
45	Exynos 980	<div>49</div> C	390286	701 / 1861	8 (2+6)	2200 MHz	Mali G7
<input type="checkbox"/>	Samsung						
46	Snapdragon 765G	<div>49</div> C	378176	595 / 1808	8 (1+1+6)	2400 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
47	Snapdragon 765	<div>48</div> C	340645	595 / 1918	8 (1+1+6)	2300 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
48	Snapdragon 480 Plus	<div>47</div> C	382787	537 / 1612	8 (2+6)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
49	Dimensity 810	<div>47</div> C	377712	626 / 1912	8 (2+6)	2400 MHz	Mali-G5
<input type="checkbox"/>	MediaTek						
50	Snapdragon 750G	<div>47</div> C	389948	658 / 2004	8 (2+6)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
51	Dimensity 800U	<div>47</div> C	392592	616 / 1822	8 (2+6)	2400 MHz	Mali-G5
<input type="checkbox"/>	MediaTek						
52	Kirin 810	<div>47</div> C	371571	602 / 1919	8 (2+6)	2270 MHz	Mali-G5
<input type="checkbox"/>	HiSilicon						
53	Exynos 880	<div>46</div> C	319119	658 / 1831	8 (2+6)	2000 MHz	Mali G7
<input type="checkbox"/>	Samsung						

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
54	Snapdragon 732G	<div>45</div> C	347951	570 / 1790	8 (2+6)	2300 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
55	Dimensity 800	<div>45</div> C	329598	516 / 1897	8 (4+4)	2000 MHz	Mali-G5
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
56	Dimensity 720	<div>44</div> C	347970	530 / 1715	8 (2+6)	2000 MHz	Mali-G5
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
57	Snapdragon 690	<div>44</div> C	346910	612 / 1845	8 (2+6)	2000 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
58	Snapdragon 720G	<div>44</div> C	336714	571 / 1712	8 (2+6)	2300 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
59	Dimensity 700	<div>43</div> C	338760	567 / 1745	8 (2+6)	2200 MHz	Mali-G5
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
60	Helio G90	<div>43</div> C	342666	513 / 1635	8 (2+6)	2000 MHz	Mali-G7
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
61	Snapdragon 730G	<div>43</div> C	335201	540 / 1734	8 (2+6)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
62	Helio G95	<div>42</div> C	337410	520 / 1618	8 (2+6)	2050 MHz	Mali-G7 3EEMC4
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
63	Snapdragon 835	<div>42</div> C	315535	391 / 1724	8 (4+4)	2450 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
64	Snapdragon 730	<div>42</div> C	321058	540 / 1775	8 (2+6)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm		<div></div>	<div></div>			
65	Helio G96	<div>41</div> C	333831	540 / 1895	8 (2+6)	2050 MHz	Mali G5
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
66	Helio G90T	<div>41</div> C	334043	495 / 1620	8 (2+6)	2050 MHz	Mali-G7
<input type="checkbox"/>	MediaTek		<div></div>	<div></div>			
67	A10 Fusion	<div>41</div> C	303253	779 / 1424	4 (2+2)	2340 MHz	PowerV GT7600
<input type="checkbox"/>	Apple		<div></div>	<div></div>			

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
68	Snapdragon 480	40 C	284140	518 / 1680	8 (2+6)	2000 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
69	Kirin 970	40 C	334442	390 / 1371	8 (4+4)	2360 MHz	Mali G7 MP12
<input type="checkbox"/>	HiSilicon						
70	Exynos 8895	40 C	288437	383 / 1576	8 (4+4)	2300 MHz	Mali-G7 MP20
<input type="checkbox"/>	Samsung						
71	Snapdragon 680	39 C	251642	373 / 1506	8 (4+4)	2400 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
72	Snapdragon 712	38 C	281721	402 / 1506	8 (2+6)	2300 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
73	Snapdragon 678	37 C	285957	536 / 1546	8 (2+6)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
74	Helio P95	37 C	277590	412 / 1509	8 (2+6)	2200 MHz	PowerV GM944t
<input type="checkbox"/>	MediaTek						
75	Snapdragon 710	36 C	262192	392 / 1452	8 (2+6)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
76	Tiger T618	34 C	252574	397 / 1339	8 (2+6)	2000 MHz	ARM M. G52 MP
<input type="checkbox"/>	Unisoc						
77	Snapdragon 820	34 C	266640	322 / 803	4 (2+2)	2200 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
78	Kirin 960	34 C	254510	383 / 1601	8 (4+4)	2360 MHz	Mali-G7
<input type="checkbox"/>	HiSilicon						
79	Helio P90	34 C	257309	396 / 1492	8 (2+6)	2200 MHz	PowerV GM944t
<input type="checkbox"/>	MediaTek						
80	Snapdragon 670	33 C	218435	346 / 1329	8 (2+6)	2000 MHz	Adreno
<input type="checkbox"/>	Qualcomm						
81	Snapdragon 675	33 C	254078	423 / 1398	8 (2+6)	2000 MHz	Adreno
<input type="checkbox"/>	Qualcomm						

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
82	Helio G88 <input type="checkbox"/> MediaTek	32 C	226219	367 / 1277	8 (2+6)	2000 MHz	Mali-G5
83	Exynos 9611 <input type="checkbox"/> Samsung	32 C	219454	327 / 1218	8 (4+4)	2300 MHz	Mali-G7
84	Apple A9 <input type="checkbox"/> Apple	32 C	225392	536 / 970	2 (2)	1850 MHz	PowerV GT7600
85	Exynos 9609 <input type="checkbox"/> Samsung	32 C	213493	331 / 1267	8 (4+4)	2200 MHz	Mali-G7
86	Exynos 8890 <input type="checkbox"/> Samsung	32 C	232470	371 / 1313	8 (4+4)	2300 MHz	Mali-T8 MP12
87	Tiger T700 <input type="checkbox"/> Unisoc	31 C	221348	351 / 1296	8 (2+6)	1800 MHz	ARM M. G52 MC
88	Helio G85 <input type="checkbox"/> MediaTek	31 C	230923	361 / 1273	8 (2+6)	2000 MHz	Mali-G5
89	Snapdragon 662 <input type="checkbox"/> Qualcomm	31 C	208290	314 / 1402	8 (4+4)	2000 MHz	Adreno
90	Helio G80 <input type="checkbox"/> MediaTek	31 C	225306	352 / 1301	8 (2+6)	2000 MHz	Mali-G5
91	Kirin 710F <input type="checkbox"/> HiSilicon	31 C	209859	326 / 1348	8 (4+4)	2200 MHz	Mali-G5
92	Helio P70 <input type="checkbox"/> MediaTek	31 C	227924	299 / 1408	8 (4+4)	2100 MHz	Mali-G7
93	Snapdragon 665 <input type="checkbox"/> Qualcomm	31 C	198853	318 / 1360	8 (4+4)	2000 MHz	Adreno
94	Helio G70 <input type="checkbox"/> MediaTek	30 C	207706	396 / 1310	8 (2+6)	2000 MHz	Mali-G5 2EEMC2
95	Kirin 710 <input type="checkbox"/> HiSilicon	30 C	195952	330 / 1288	8 (4+4)	2200 MHz	Mali-G5

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
96	Exynos 9610 <input type="checkbox"/> Samsung	30 C	205253	343 / 1145	8 (4+4)	2300 MHz	Mali-G7
97	Tiger T610 <input type="checkbox"/> Unisoc	29 D	194492	351 / 1342	8 (2+6)	1800 MHz	ARM M. MP2
98	Kirin 710A <input type="checkbox"/> HiSilicon	29 D	198204	320 / 1161	8 (4+4)	2000 MHz	Mali-G5
99	Exynos 850 <input type="checkbox"/> Samsung	29 D	146852	162 / 956	8 (8)	2000 MHz	Mali-G5
100	Snapdragon 460 <input type="checkbox"/> Qualcomm	29 D	164148	257 / 1156	8 (4+4)	1800 MHz	Adreno
101	Helio P65 <input type="checkbox"/> MediaTek	29 D	191878	353 / 1290	8 (2+6)	2000 MHz	Mali-G5
102	Snapdragon 821 <input type="checkbox"/> Qualcomm	29 D	198722	342 / 753	4 (2+2)	2342 MHz	Adreno
103	Snapdragon 660 <input type="checkbox"/> Qualcomm	29 D	208425	338 / 1327	8 (4+4)	2200 MHz	Adreno
104	Helio P60 <input type="checkbox"/> MediaTek	27 D	187629	274 / 1127	8 (4+4)	2000 MHz	Mali-G7
105	Exynos 7904 <input type="checkbox"/> Samsung	26 D	150780	273 / 1015	8 (2+6)	1800 MHz	Mali-G7
106	Snapdragon 636 <input type="checkbox"/> Qualcomm	26 D	172406	276 / 1133	8 (4+4)	1800 MHz	Adreno
107	Snapdragon 632 <input type="checkbox"/> Qualcomm	26 D	149446	266 / 1049	8 (4+4)	1800 MHz	Adreno
108	Exynos 7885 <input type="checkbox"/> Samsung	25 D	174124	322 / 1041	8 (2+6)	2200 MHz	Mali-G7
109	Helio G35 <input type="checkbox"/> MediaTek	24 D	108785	176 / 688	8 (8)	2300 MHz	IMG Po GE8320

#	Processor	Rating	AnTuTu 9	Geekbench 5*	Cores	Clock**	GPU
110	Kirin 950 <input type="checkbox"/> HiSilicon	24 D	135995 <div></div>	341 / 1289 <div></div>	8 (4+4)	2400 MHz	Mali-T8 MP4
111	Helio P35 <input type="checkbox"/> MediaTek	24 D	100728 <div></div>	171 / 978 <div></div>	8 (4+4)	2300 MHz	IMG PowerVR GE8320
112	Exynos 7884B <input type="checkbox"/> Samsung	23 D	105791 <div></div>	249 / 902 <div></div>	8 (2+6)	1560 MHz	Mali-G7
113	Snapdragon 630 <input type="checkbox"/> Qualcomm	23 D	134035 <div></div>	176 / 982 <div></div>	8 (4+4)	2200 MHz	Adreno
114	Exynos 7872 <input type="checkbox"/> Samsung	23 D	145358 <div></div>	297 / 784 <div></div>	6 (2+4)	2000 MHz	Mali-G7
115	Kirin 955 <input type="checkbox"/> HiSilicon	23 D	141005 <div></div>	343 / 1102 <div></div>	8 (4+4)	2500 MHz	ARM Mali-T880 MP
116	Helio A25 <input type="checkbox"/> MediaTek	22 D	114996 <div></div>	139 / 764 <div></div>	8 (4+4)	1800 MHz	PowerVR GE8320
117	Helio G25 <input type="checkbox"/> MediaTek	22 D	93090 <div></div>	136 / 472 <div></div>	8 (8)	2000 MHz	IMG PowerVR GE8320

The table above shows the average processor scores for every benchmark. They may differ slightly (depending on the sample, firmware, ambient temperature, etc.).

* - Results for the single-core / multi-core Geekbench 5 test, respectively.

** - Peak frequency of the most performant block of cores.

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