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# Liste des smartphones et tablettes compatibles

Produit : echOpen ON

(application mobile)

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# 1 Objectifs et champ d'application

Ce document présente la liste des smartphones et tablettes compatibles avec les applications mobiles echOpen ON accompagnant la sonde d'échographie echOpen O1.

## 2 Liste des smartphones et tablettes compatibles

Cette liste est une extrapolation de la liste des smartphones et tablettes qui a été validée par echOpen. Nous avons des preuves raisonnables de leur bon fonctionnement.

### 2.1 Smartphones Apple

N°	Model	Brand	OS (upgradable to iOS 18)	Chipset	Score CPU Geekbench Multicore	Pixels (megapixels)	Ratio
1	Apple iPhone XS Max	Apple	iOS 12	Apple A12 Bionic (7 nm)	2632	3,34	2,16
2	Apple iPhone XR	Apple	iOS 12	Apple A12 Bionic (7 nm)	2254	1,48	2,16
3	Apple iPhone XS	Apple	iOS 12	Apple A12 Bionic (7 nm)	2619	2,74	2,17
4	Apple iPhone 11	Apple	iOS 13	Apple A13 Bionic (7 nm+)	3590	1,48	2,16
5	Apple iPhone 11 Pro Max	Apple	iOS 13	Apple A13 Bionic (7 nm+)	3842	3,34	2,16
6	Apple iPhone 11 Pro	Apple	iOS 13	Apple A13 Bionic (7 nm+)	3771	2,74	2,17
7	Apple iPhone 12	Apple	iOS 14.1	Apple A14 Bionic (5 nm)	4490	2,96	2,16
8	Apple iPhone 12 Pro Max	Apple	iOS 14.1	Apple A14 Bionic (5 nm)	4840	3,57	2,16
9	Apple iPhone 12 Pro	Apple	iOS 14.1	Apple A14 Bionic (5 nm)	4562	2,96	2,16
10	Apple iPhone 12 mini	Apple	iOS 14.1	Apple A14 Bionic (5 nm)	4490	2,53	2,17
11	Apple iPhone SE (2020)	Apple	iOS 13	Apple A13 Bionic (7 nm+)	922	1,00	1,78
12	Apple iPhone 13	Apple	iOS 15	Apple A15 Bionic (5 nm)	5219	2,96	2,16
13	Apple iPhone 13 Pro Max	Apple	iOS 15	Apple A15 Bionic (5 nm)	5628	3,57	2,16
14	Apple iPhone 13 Pro	Apple	iOS 15	Apple A15 Bionic (5 nm)	5585	2,96	2,16
15	Apple iPhone 13 mini	Apple	iOS 15	Apple A15 Bionic (5 nm)	5221	2,53	2,17
16	Apple iPhone 14 Pro Max	Apple	iOS 16	Apple A16 Bionic (4 nm)	6563	3,61	2,17
17	Apple iPhone 14	Apple	iOS 16	Apple A15 Bionic (5 nm)	5474	2,96	2,16
18	Apple iPhone 14 Pro	Apple	iOS 16	Apple A16 Bionic (4 nm)	6563	3,01	2,17
19	Apple iPhone SE (2022)	Apple	iOS 15.4	Apple A15 Bionic (5 nm)	922	1,00	1,78
20	Apple iPhone 14 Plus	Apple	iOS 16	Apple A15 Bionic (5 nm)	5484	3,57	2,16
21	Apple iPhone 15 Pro Max	Apple	iOS 17	Apple A17 Pro (3 nm)	7235	3,61	2,17
22	Apple iPhone 15	Apple	iOS 17	Apple A16 Bionic (4 nm)	6384	3,01	2,17
23	Apple iPhone 15 Pro	Apple	iOS 17	Apple A17 Pro (3 nm)	7235	3,01	2,17
24	Apple iPhone 15 Plus	Apple	iOS 17	Apple A16 Bionic (4 nm)	6415	3,61	2,17
25	Apple iPhone 16 Pro Max	Apple	iOS 18	Apple A18 Pro	8373	3,79	2,17
26	Apple iPhone 16	Apple	iOS 18	Apple A18	8025	3,01	2,17
27	Apple iPhone 16 Pro	Apple	iOS 18	Apple A18 Pro	8430	3,16	2,17
28	Apple iPhone 16 Plus	Apple	iOS 18	Apple A18	8036	3,61	2,17
29	Apple iPhone 16e	Apple	iOS 18	Apple A18	7967	2,96	2,16

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30	Apple iPhone 17	Apple	iOS 26	Apple A19	9243	3,16	2,17
31	Apple iPhone Air	Apple	iOS 26	Apple A19 Pro	9379	3,45	2,17
32	Apple iPhone 17 Pro	Apple	iOS 26	Apple A19 Pro	9798	3,16	2,17
33	Apple iPhone 17 Pro Max	Apple	iOS 26	Apple A19 Pro	9827	3,79	2,17

## 2.2 Smartphones Android

N°	Model	Brand	Chipset	Score CPU Geekbench Multicore	Pixels (megapixels)	Ratio
1	Fairphone 4	Fairphone	Qualcomm SM7225	1878	2,53	2,17
2	Fairphone 5	Fairphone	Qualcomm QCM6490	2985	3,30	2,21
3	Fairphone 6	Fairphone	Snapdragon 7s Gen 3 Processor	3313	2,77	2,23
4	Pixel 6	Google	Google Tensor	3204	2,59	2,22
5	Pixel 7	Google	Google Tensor G2	3434	2,59	2,22
6	Pixel 7a	Google	Google Tensor	3278	2,59	2,22
7	Pixel 6a	Google	Google Tensor	3107	2,59	2,22
8	Pixel 9 Pro	Google	Google Tensor G4	4542	3,66	2,23
9	Pixel 8	Google	Google Tensor G3	3842	2,59	2,22
10	Pixel 9	Google	Google Tensor G4	4542	2,62	2,24
11	Pixel 6 Pro	Google	Google Tensor	3148	4,49	2,17
12	Pixel 9 Pro XL	Google	Google Tensor G4	3725	4,02	2,23
13	Pixel 4	Google	Qualcomm SDM855	2525	2,46	2,11
14	Pixel 8a	Google	Google Tensor G3	4310	2,59	2,22
15	Pixel 8 Pro	Google	Google Tensor G3	4542	4,02	2,23
16	Pixel 7 Pro	Google	Google Tensor G2	3477	4,49	2,17
17	Pixel 5a 5G	Google	Qualcomm SM7250	nan	2,59	2,22
18	Pixel 9a	Google	Google Tensor G4	4048	2,62	2,24
19	Pixel 10	Google	Google Tensor G5	5560	2,62	2,24
20	Pixel 10 Pro	Google	Google Tensor G5	5652	3,66	2,23
21	Pixel 10 Pro XL	Google	Google Tensor G5	6203	4,02	2,23
22	Pixel 10 Pro Fold	Google	Google Tensor G5	6173	4,47	1,04
23	Honor 70	Huawei	Snapdragon 778G+ (6 nm)	nan	2,592	2,22
24	HONOR 20	Huawei	HiSilicon KIRIN980	2908	2,53	2,17
25	HUAWEI Mate 20 X (5G)	Huawei	HiSilicon KIRIN980	nan	2,42	2,08
26	Huawei Enjoy MAX	Huawei	Qualcomm SDM660	nan	2,42	2,08
27	HUAWEI Y7 2019	Huawei	Qualcomm SDM450	nan	1,09	2,11

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28	HONOR View20	Huawei	HiSilicon KIRIN980	nan	2,49	2,14
29	Huawei 8X Max	Huawei	Qualcomm SDM660	Nan	2,42	2,08
30	Honor Magic 2	Huawei	HiSilicon KIRIN980	Nan	3,26	2,18
31	Honor Magic Vs	Honor	Snapdragon 8+ Gen 1	4522	4,51	1,15
32	Honor 90 Lite	Honor	MediaTek Dimension 6020	1910	2,58	2,21
33	Honor 90	Honor	Snapdragon 7 Gen 1 Accelerated Edition	2797	3,20	2,22
34	Honor Magic 6 Lite	Honor	Snapdragon 6 Gen 1	1824	3,18	2,21
35	Honor Magic 6 Pro	Honor	Snapdragon 8 Gen 3	5833	3,58	2,19
36	Honor 200 Smart	Honor	Snapdragon 4 Gen 2	nan	2,60	2,23
37	Honor 200 Lite	Honor	MediaTek Dimensity 6080	1973	2,60	2,23
38	Honor 200	Honor	Snapdragon 7 Gen 3	3129	3,20	2,22
39	Honor 200 Pro	Honor	Snapdragon 8s Gen 3	5570	3,30	2,21
40	Honor X5c Plus	Honor	MediaTek Helio G81	nan	1,15	2,22
41	Honor X6	Honor	MediaTek Helio G25	nan	1,15	2,22
42	Honor X6b	Honor	MediaTek Helio G85	nan	1,16	2,24
43	Honor 400 smart	Honor	Snapdragon 685	nan	1,16	2,24
44	Honor 400 Lite	Honor	MediaTek Dimensity 7025-Ultra	2291	2,60	2,23
45	Honor 400	Honor	Snapdragon 7 Gen 3	4145	3,46	2,16
46	Honor 400 Pro	Honor	Snapdragon 8 Gen 3	7325	3,58	2,19
47	Honor Magic V3	Honor	Snapdragon 8 Gen 3	6297	5,05	1,09
48	Honor Magic V5	Honor	Snapdragon 8 Elite	9165	5,11	1,08
49	Honor Magic 7 Lite	Honor	Snapdragon 6 Gen 1	2748	3,30	2,21
50	Honor Magic 7 Pro	Honor	Snapdragon 8 Elite Mobile Platform	8452	3,58	2,19
51	Honor Magic 8 Lite	Honor	Snapdragon 6 Gen 4	nan	3,17	2,20
52	Honor Magic 8 Pro	Honor	Snapdragon 8 Elite Gen 5	9595	2,57	1,63
53	Motorola edge 50 pro	Motorola	QTI SM7550	2976	2,59	2,22
54	Motorola edge 40	Motorola	Mediatek MT6891Z/CZA	2498	2,59	2,22
55	moto g200 5G	Motorola	Qualcomm SM8350	3682	2,66	2,28
56	moto g power	Motorola	Qualcomm SM6125	2300	2,48	2,13
57	Motorola edge 50 fusion	Motorola	Qualcomm SM7435	2895	2,59	2,22
58	moto g stylus 5G - 2023	Motorola	Qualcomm SM6450	2657	2,59	2,22
59	moto g 5G - 2024	Motorola	QTI SM4375	2300	1,16	2,24
60	Motorola edge 30 ultra	Motorola	QTI SM8475	4487	2,59	2,22
61	Motorola edge plus	Motorola	Qualcomm SM8250	5366	2,53	2,17
62	Think Phone by Motorola	Motorola	QTI SM8450	4326	2,59	2,22
63	Motorola edge	Motorola	Qualcomm SM7250	2965	2,53	2,17

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64	moto g stylus 5G	Motorola	Qualcomm SM4350	2657	2,59	2,22
65	moto g power 5G - 2024	Motorola	Mediatek MT6855	2300	2,59	2,22
66	moto g(8) power	Motorola	Qualcomm SM6125	2300	2,48	2,13
67	Motorola edge 2024	Motorola	Qualcomm SM7435	2803	2,59	2,22
68	motorola edge 50	Motorola	QTI SM7450	2895	3,31	2,22
69	motorola edge 30 fusion	Motorola	Qualcomm SM8350	3674	2,59	2,22
70	moto g64y 5G	Motorola	Mediatek MT6855	2378	2,59	2,22
71	moto g stylus 5G - 2024	Motorola	Qualcomm SM6450	2772	2,59	2,22
72	motorola edge 50 neo	Motorola	Mediatek MT6878	2985	3,2	2,23
73	moto g 5G - 2023	Motorola	Qualcomm SM4350	2657	1,15	2,22
74	motorola edge s	Motorola	Qualcomm SM8250	3189	2,72	2,33
75	motorola edge 30	Motorola	Qualcomm SM7325	2965	2,59	2,22
76	motorola edge (2021)	Motorola	Qualcomm SM7325	2871	2,66	2,28
77	motorola edge 50 ultra	Motorola	QTI SM8635	5000	2,59	2,22
78	motorola razr 2022	Motorola	QTI SM8475	4278	2,59	2,22
79	moto g73 5G	Motorola	Mediatek MT6855V/AZA	2267	2,59	2,22
80	moto g stylus (2023)	Motorola	Mediatek MT6769V/CZ	2657	1,15	2,22
81	motorola edge plus 2023	Motorola	QTI SM8550	5366	2,59	2,22
82	motorola edge 30 pro	Motorola	QTI SM8450	4054	2,59	2,22
83	motorola edge 50 fusion	Motorola	Qualcomm SM6450	2895	2,59	2,22
84	motorola edge 40 neo	Motorola	Mediatek MT6879V_T/ZA	2498	2,59	2,22
85	motorola edge 2023	Motorola	Mediatek MT6879V_T/ZA	5366	2,59	2,22
86	moto g55 5G	Motorola	Mediatek MT6855	2410	2,59	2,22
87	motorola razr 50 ultra	Motorola	QTI SM8635	4842	2,59	2,22
88	motorola edge (2022)	Motorola	Mediatek MT6879V/ZA	4096	2,59	2,22
89	Motorola Edge X30	Motorola	QTI SM8450	nan	2,59	2,22
90	moto edge X30	Motorola	QTI SM8450	nan	2,59	2,22
91	moto p30 play	Motorola	Qualcomm MSM8953	nan	1,09	2,11
92	motorola edge s pro	Motorola	Qualcomm SM8250	nan	2,59	2,22
93	OneHyper	Motorola	Snapdragon 675	1700	2,53	2,17
94	moto g77	Motorola	MediaTek Dimensity 6400	2037	3,53	2,18
95	moto g67	Motorola	MediaTek Dimensity 7300	1999	2,59	2,22
96	moto g17	Motorola	MediaTek Dimensity 7300	1298	2,59	2,22
97	moto g85 5G	Motorola	Snapdragon 6s Gen 3	2092	2,59	2,22
98	moto g56 5G	Motorola	MediaTek Dimensity 7060	2410	2,59	2,22
99	moto g57 power	Motorola	Snapdragon 6s Gen 4	2888	2,59	2,22

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100	moto g86 5G	Motorola	MediaTek Dimensity 7300	2983	3,31	2,22
101	moto g86 Power 5G	Motorola	MediaTek Dimensity 7300	2955	3,31	2,22
102	motorola edge 60 fusion	Motorola	MediaTek Dimensity 7300	3055	3,31	2,22
103	motorola edge 60	Motorola	MediaTek Dimensity 7300	2924	3,31	2,22
104	motorola edge 60 pro	Motorola	MediaTek Dimensity 8350	4332	3,31	2,22
105	motorola edge 60 neo	Motorola	MediaTek Dimensity 7400	3051	3,20	2,23
106	motorola edge 70	Motorola	Snapdragon 7 Gen 4	4154	3,31	2,22
107	motorola razr 60 ultra	Motorola	Snapdragon 8 Elite	8840	3,66	2,44
108	motorola razr 60	Motorola	MediaTek Dimensity 7400X	3043	2,85	2,44
109	mototola Signature	Motorola	Snapdragon 8 Gen 5	9411	3,51	2,20
110	One plus : EB2103 (Nord CE 5G)	OnePlus	Snapdragon 750G 5G	1925	2,592	2,22
111	OnePlus 8T	OnePlus	Qualcomm SM8250	3242	2,59	2,22
112	OnePlus 9 5G	OnePlus	Qualcomm SM8350	3635	2,59	2,22
113	OnePlus 8 5G	OnePlus	Qualcomm SM8250	3101	2,59	2,22
114	OnePlus 8	OnePlus	Qualcomm SM8250	3242	2,59	2,22
115	OnePlus 7T	OnePlus	Qualcomm SM8150P	2747	2,59	2,22
116	OnePlus Nord	OnePlus	Qualcomm SM7250	3149	2,59	2,22
117	OnePlus Ace	OnePlus	Mediatek MT6895	3444	2,6	2,23
118	OnePlus 8	OnePlus	Qualcomm SM8250	3242	2,59	2,22
119	OnePlus 12	OnePlus	QTI SM8650	2477	4,63	2,23
120	OnePlus 7 Pro	OnePlus	Qualcomm SM8150	2774	4,49	2,17
121	OnePlus 9 Pro 5G	OnePlus	Qualcomm SM8350	3635	2,6	2,23
122	OnePlus 8T+ 5G	OnePlus	Qualcomm SM8250	3242	2,59	2,22
123	PHP110	OnePlus	Mediatek MT6983	4471	3,44	2,24
124	OnePlus 9R	OnePlus	Qualcomm SM8250	3087	2,59	2,22
125	OnePlus 10 Pro	OnePlus	QTI SM8450	3511	4,63	2,23
126	OnePlus 7T Pro	OnePlus	Qualcomm SM8150P	2767	4,49	2,17
127	OnePlus 7 Pro	OnePlus	Qualcomm SM8150	2774	4,49	2,17
128	OnePlus 9 Pro 5G	OnePlus	Qualcomm SM8350	3635	2,6	2,23
129	OnePlus 7 Pro 5G	OnePlus	Qualcomm SM8150	2907	4,49	2,17
130	OnePlus 9 5G	OnePlus	Qualcomm SM8350	3635	2,59	2,22
131	OnePlus 8 Pro	OnePlus	Qualcomm SM8250	3161	2,57	2,20
132	OnePlus 7 Pro	OnePlus	Qualcomm SM8150	2774	4,49	2,17
133	OnePlus 7	OnePlus	Qualcomm SM8150	2747	2,53	2,17
134	OnePlus 7T Pro 5G	OnePlus	Qualcomm SM8150P	2641	4,49	2,17

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135	OnePlus 9RT 5G	OnePlus	Qualcomm SM8350	nan	2,59	2,22
136	OnePlus 10T 5G	OnePlus	QTI SM8475	nan	2,6	2,23
137	OnePlus 10R 5G	OnePlus	Mediatek MT6895	nan	2,6	2,23
138	OnePlus Ace 3	OnePlus	QTI SM8550	nan	3,51	2,20
139	Oneplus Ace 2 Pro	OnePlus	QTI SM8550	nan	3,44	2,24
140	OnePlus 11 5G	OnePlus	QTI SM8550	nan	4,63	2,23
141	OnePlus Nord 3 5G	OnePlus	Mediatek MT6983	nan	3,44	2,24
142	OnePlus 9RT 5G	OnePlus	Qualcomm SM8350	nan	2,59	2,22
143	OnePlus Nord2 5G	OnePlus	Mediatek MT6893	nan	2,59	2,22
144	OnePlus 12R	OnePlus	QTI SM8550	nan	3,51	2,20
145	OnePlus6T	OnePlus	Qualcomm SDM845	nan	2,53	2,17
146	OnePlus 11R 5G	OnePlus	QTI SM8475	nan	3,44	2,24
147	OnePlus6T	OnePlus	Qualcomm SDM845	nan	2,53	2,17
148	OnePlus Ace Racing Edition	OnePlus	Mediatek MT6895	nan	2,6	2,23
149	OnePlus Nord 2T 5G	OnePlus	Mediatek MT6893	nan	2,59	2,22
150	OnePlus Nord CE4	OnePlus	QTI SM7550	nan	2,6	2,23
151	OnePlus 8 5G UW	OnePlus	Qualcomm SM8250	nan	2,59	2,22
152	OnePlus 10R 5G	OnePlus	Mediatek MT6895	nan	2,6	2,23
153	Oneplus Ace 3 Pro	OnePlus	QTI SM8650	nan	3,51	2,20
154	OnePlus Nord 2	OnePlus	MediaTek Dimensity 1200	2800	2,59	2,22
155	OnePlus Nord CE 2	OnePlus	MediaTek Dimensity 900	2100	2,59	2,22
156	OnePlus Nord CE3	OnePlus	Snapdragon 782	2700	2,6	2,23
157	OnePlus Nord CE	OnePlus	Snapdragon 750	2500	2,59	2,22
158	OnePlus 13R	OnePlus	Snapdragon 8 Gen 3	4802	3,51	2,20
159	OnePlus 13	OnePlus	Snapdragon 8 Elite	8854	4,56	2,20
160	OnePlus Nord 5	OnePlus	Snapdragon 8s Gen 3	5094	3,56	2,20
161	OnePlus Nord 5 CE	OnePlus	Mediatek Dimensity 8350 Apex	3884	2,58	2,21
162	OnePlus 15	OnePlus	Snapdragon 8 Elite Gen 5	10260	3,53	2,18
163	OnePlus 15R	OnePlus	Snapdragon 8 Gen 5	9607	3,56	2,20
164	Oppo A79 5G	Oppo	MediaTek Dimensity 6020	2244	2,60	2,23
165	Reno10 5G	Oppo	MediaTek Dimensity 7050	2700	2,60	2,23
166	Find X9	Oppo	MediaTek Dimensity 9 500	8345	3,47	2,20
167	Find X9 Pro	Oppo	MediaTek Dimensity 9 500	8595	3,53	2,18
168	Reno 15 Pro 5G	Oppo	MediaTek Dimensity 8450	6092	3,21	2,17
169	Reno 15 5G	Oppo	Snapdragon 7 Gen 4	4106	3,47	2,20
170	Reno 15 FS 5G	Oppo	Snapdragon 6 Gen 1	nan	2,56	2,20

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171	Reno 15 F 5G	Oppo	Snapdragon 6 Gen 1	nan	2,56	2,20
172	Reno 14 5G	Oppo	MediaTek Dimensity 8350	4389	3,47	2,20
173	Reno 14 FS 5G	Oppo	Snapdragon 6 Gen 1	2602	2,56	2,20
174	Reno 14 F 5G	Oppo	Snapdragon 6 Gen 1	2699	2,56	2,20
175	Reno 13 Pro 5G	Oppo	MediaTek Dimensity 8350	3958	3,56	2,20
176	Reno 13 5G	Oppo	MediaTek Dimensity 8350	4104	3,47	2,20
177	Reno 13 FS 5G	Oppo	Snapdragon 6 Gen 1	2679	2,59	2,22
178	Reno 13 F 5G	Oppo	Snapdragon 6 Gen 1	nan	2,59	2,22
179	realme X3	Realme	Qualcomm SM8150	2583	2,59	2,22
180	realme GT Neo 2	Realme	Qualcomm SM8250ac	3369	2,59	2,22
181	realme 2 Pro	Realme	Qualcomm SDM660	4881	2,53	2,17
182	realme X3	Realme	Qualcomm SM8150	2583	2,59	2,22
183	realme GT 5G	Realme	Qualcomm SM8350	3376	2,59	2,22
184	realme GT Neo Flash	Realme	Mediatek MT6893	nan	2,59	2,22
185	realme GT Neo2 5G	Realme	Qualcomm SM8250ac	nan	2,59	2,22
186	realme 6i	Realme	Mediatek MT6769T	nan	1,15	2,22
187	realme X50 5G	Realme	Qualcomm SM7250	nan	2,59	2,22
188	realme GT	Realme	Qualcomm SM8350	nan	2,59	2,22
189	realme X2Pro	Realme	Qualcomm SM8150	nan	2,59	2,22
190	realme GT Explorer Master Edition	Realme	Qualcomm SM8250	nan	2,59	2,22
191	realme narzo 20A	Realme	Qualcomm SM6125	nan	1,15	2,22
192	realme X50 Pro	Realme	Qualcomm SM8250	nan	2,59	2,22
193	realme X50t 5G	Realme	Qualcomm SM7250	nan	2,59	2,22
194	realme 6i	Realme	Mediatek MT6769T	nan	1,15	2,22
195	realme X50m 5G	Realme	Qualcomm SM7250	nan	2,59	2,22
196	realme X50 Pro	Realme	Qualcomm SM8250	nan	2,59	2,22
197	realme X2Pro	Realme	Qualcomm SM8150	nan	2,59	2,22
198	realme 6i	Realme	Mediatek MT6769T	nan	1,15	2,22
199	realme X50 5G	Realme	Qualcomm SM7250	nan	2,59	2,22
200	realme 6	Realme	MediaTek Helio G90T	2700	2,59	2,22
201	Realme 8 5G	Realme	MediaTek Dimensity 700	1700	2,59	2,22
202	realme C75	Realme	MediaTek Helio G92 Max	1356	2,59	2,22
203	realme GT6	Realme	Snapdragon 8S Gen 3	6168	3,51	2,20
204	realme GT 7T	Realme	MediaTek Dimensity 8400 Max	6464	3,58	2,19
205	realme GT 7 Pro	Realme	Snapdragon 8 Elite	8471	3,51	2,20
206	realme GT 7	Realme	MediaTek Dimensity 9400e	7847	3,51	2,20
207	realme GT 8 Pro	Realme	Snapdragon 8 Elite Gen 5	11088	4,52	2,18

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208	Samsung A34	Samsung	Mediatek MT6877V Dimensity 1080	2556	2,53	2,17
209	Samsung A16	Samsung	Mediatek Helio G99	nan	2,53	2,17
210	Samsung A25	Samsung	Exynos 1280	nan	2,53	2,17
211	Samsung A23	Samsung	Qualcomm Snapdragon 695	nan	2,60	2,23
212	Samsung A53 5G	Samsung	Exynos 1280	2069	2,60	2,23
213	Galaxy S22 Ultra	Samsung	Samsung s5e9925	3675	4,45	2,14
214	Galaxy S10e	Samsung	Samsung Exynos 9820	2642	2,46	2,11
215	Galaxy S22	Samsung	Samsung s5e9925	3675	2,53	2,17
216	Galaxy S23 Ultra	Samsung	QTI SM8550	5118	4,45	2,14
217	Galaxy S10 5G	Samsung	Samsung Exynos 9820	2332	4,38	2,11
218	Galaxy S23	Samsung	QTI SM8550	5146	2,53	2,17
219	Galaxy S20 5G	Samsung	Qualcomm SM8250	3248	4,61	2,22
220	Galaxy S21 5G	Samsung	Qualcomm SM8350	3048	2,59	2,22
221	Galaxy A90 5G	Samsung	Qualcomm SM8150	2712	2,59	2,22
222	Galaxy S22	Samsung	QTI SM8450	3675	2,53	2,17
223	Galaxy S21 Ultra 5G	Samsung	Qualcomm SM8350	3336	4,61	2,22
224	Galaxy S20	Samsung	Samsung Exynos 990	3248	4,61	2,22
225	Galaxy S23 Ultra	Samsung	QTI SM8550	5118	4,45	2,14
226	Galaxy S20+ 5G	Samsung	Qualcomm SM8250	3248	4,61	2,22
227	Galaxy S21 Ultra 5G	Samsung	Samsung Exynos 2100	3336	4,61	2,22
228	Galaxy Note20 Ultra 5G	Samsung	Qualcomm SM8250Pro	3248	4,45	2,14
229	Galaxy S22 Ultra	Samsung	QTI SM8450	3675	4,45	2,14
230	Galaxy S24	Samsung	Samsung s5e9945	6694	2,53	2,17
231	Galaxy S20+	Samsung	Samsung Exynos 990	3248	4,61	2,22
232	Galaxy A14	Samsung	Mediatek MT6769T	2507	2,6	2,23
233	Galaxy S24 Ultra	Samsung	QTI SM8650	6694	4,49	2,17
234	Galaxy S24 Ultra	Samsung	QTI SM8650	6694	4,49	2,17
235	Galaxy Note20 Ultra	Samsung	Samsung Exynos 990	3248	4,45	2,14
236	Galaxy S24+	Samsung	QTI SM8650	6544	4,49	2,17
237	Galaxy S22	Samsung	QTI SM8450	3675	2,53	2,17
238	Galaxy S22+	Samsung	QTI SM8450	3675	2,53	2,17
239	Galaxy S24	Samsung	QTI SM8650	6694	2,53	2,17
240	Galaxy S21 FE 5G	Samsung	Samsung Exynos 2100	2337	2,53	2,17
241	Galaxy S24	Samsung	QTI SM8650	6694	2,53	2,17
242	Galaxy Note20 Ultra 5G	Samsung	Qualcomm SM8250Pro	3248	4,45	2,14
243	Galaxy S20 5G	Samsung	Qualcomm SM8250	3248	4,61	2,22

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244	Galaxy S10e	Samsung	Qualcomm SM8150	2642	2,46	2,11
245	Galaxy S21+ 5G	Samsung	Qualcomm SM8350	3048	2,59	2,22
246	Galaxy S21 5G	Samsung	Qualcomm SM8350	3048	2,59	2,22
247	Galaxy S21 Ultra 5G	Samsung	Qualcomm SM8350	3336	4,61	2,22
248	Galaxy A52s 5G	Samsung	Qualcomm SM7325	2817	2,59	2,22
249	Galaxy S20+ 5G	Samsung	Qualcomm SM8250	3248	4,61	2,22
250	Galaxy S21+ 5G	Samsung	Qualcomm SM8350	3048	2,59	2,22
251	Galaxy S24	Samsung	QTI SM8650	6694	2,53	2,17
252	Galaxy S21 FE 5G	Samsung	Qualcomm SM8350	2337	2,53	2,17
253	Galaxy S20 5G	Samsung	Qualcomm SM8250	3248	4,61	2,22
254	Galaxy S23	Samsung	QTI SM8550	5146	2,53	2,17
255	Galaxy Note20 5G	Samsung	Samsung Exynos 990	3150	2,59	2,22
256	Galaxy Note20 Ultra 5G	Samsung	Qualcomm SM8250Pro	3248	4,45	2,14
257	Galaxy S21 5G	Samsung	Samsung Exynos 2100	3048	2,59	2,22
258	Galaxy S22 Ultra	Samsung	QTI SM8450	3675	4,45	2,14
259	Galaxy S23+	Samsung	QTI SM8550	4894	2,53	2,17
260	Galaxy S21+ 5G	Samsung	Samsung Exynos 2100	3048	2,59	2,22
261	Galaxy S20 5G	Samsung	Qualcomm SM8250	3248	4,61	2,22
262	Galaxy S24 Ultra	Samsung	QTI SM8650	6694	4,49	2,17
263	Galaxy Note20 5G	Samsung	Qualcomm SM8250Pro	3150	2,59	2,22
264	Galaxy S24+	Samsung	Samsung s5e9945	6544	4,49	2,17
265	Galaxy S22 Ultra	Samsung	QTI SM8450	3675	4,45	2,14
266	Galaxy S21 5G	Samsung	Qualcomm SM8350	3048	2,59	2,22
267	Galaxy S22+	Samsung	Samsung s5e9925	3675	2,53	2,17
268	Galaxy S20+ 5G	Samsung	Qualcomm SM8250	3248	4,61	2,22
269	Galaxy S23	Samsung	QTI SM8550	5146	2,53	2,17
270	Galaxy S10 5G	Samsung	Qualcomm SM8150	2332	4,38	2,11
271	Galaxy S23 Ultra	Samsung	QTI SM8550	5118	4,45	2,14
272	Galaxy S22	Samsung	QTI SM8450	3675	2,53	2,17
273	Galaxy A52	Samsung	Qualcomm SM7125	2779	2,59	2,22
274	Galaxy A13	Samsung	Mediatek MT6769T	nan	2,6	2,23
275	Galaxy F22	Samsung	Mediatek MT6769T	nan	1,15	2,22
276	Galaxy M52 5G	Samsung	Qualcomm SM7325	nan	2,59	2,22
277	Galaxy M22	Samsung	Mediatek MT6769T	nan	1,15	2,22
278	Galaxy M11	Samsung	Qualcomm SDM450	nan	1,12	2,17
279	Galaxy XCover6 Pro	Samsung	Qualcomm SM7325	nan	2,6	2,23

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280	Galaxy S24 FE	Samsung	Samsung s5e9945	nan	2,53	2,17
281	Galaxy C55 5G	Samsung	QTI SM7450	nan	2,59	2,22
282	Galaxy S23 FE	Samsung	QTI SM8450	nan	2,53	2,17
283	Galaxy A11	Samsung	Qualcomm SDM450	nan	1,12	2,17
284	Galaxy A06	Samsung	Mediatek MT6769V/CZ	nan	1,15	2,22
285	Galaxy Quantum2	Samsung	Qualcomm SM8150P	nan	4,61	2,22
286	Galaxy M32	Samsung	Mediatek MT6769T	nan	2,59	2,22
287	Galaxy Jump3	Samsung	Qualcomm SM8350	nan	2,6	2,23
288	Galaxy S23 FE	Samsung	Samsung s5e9925	nan	2,53	2,17
289	Galaxy S23 FE	Samsung	QTI SM8450	nan	2,53	2,17
290	Galaxy A73 5G	Samsung	Qualcomm SM7325	nan	2,59	2,22
291	Galaxy S10+ Olympic Games Edition	Samsung	Qualcomm SM8150	nan	4,38	2,11
292	Galaxy A54 5G	Samsung	Samsung s5e8835	2770	2,53	2,17
293	Galaxy A35 5G	Samsung	Samsung s5e8835	2962	2,53	2,17
294	Galaxy Z Flip 3	Samsung	Qualcomm Snapdragon 888	3429	2,85	2,44
295	Samsung A55	Samsung	Exynos 1480	3259	2,53	2,22
296	Galaxy Note9	Samsung	Exynos 9810	1800	4,26	2,05
297	Galaxy Z Fold	Samsung	Qualcomm Snapdragon 855	2500	3,31	1,40
298	Galaxy Z Flip 4	Samsung	Qualcomm Snapdragon 888	4500	2,85	2,44
299	Galaxy Z Flip 5	Samsung	Qualcomm Snapdragon 888	5000	2,85	2,44
300	Galaxy Note10	Samsung	Exynos 9825	2600	2,46	2,11
301	Galaxy Note10+	Samsung	Exynos 9825	2700	4,38	2,11
302	Galaxy Note20	Samsung	Exynos 990	2900	2,59	2,22
303	Galaxy Note10 Lite	Samsung	Exynos 9810	2500	2,59	2,22
304	Galaxy Z Fold2	Samsung	Qualcomm Snapdragon 865+	3000	3,9	1,25
305	Galaxy Z Fold3	Samsung	Qualcomm Snapdragon 888	3300	3,9	1,25
306	Galaxy Z Fold4	Samsung	Qualcomm Snapdragon 8+ Gen 1	3800	3,94	1,20
307	Galaxy Z Fold5	Samsung	Qualcomm Snapdragon 8 Gen 2	4000	3,94	1,20
308	Galaxy Z Fold6	Samsung	Qualcomm Snapdragon8 Gen3	7000	4	1,17
309	Galaxy A22	Samsung	MediaTek Helio G80	1700	2,6	2,20
310	Galaxy A23	Samsung	Snapdragon 680	1700	2,6	2,20
311	Galaxy A50	Samsung	Exynos 9610	1700	2,5	2,10
312	Galaxy S25	Samsung	Snapdragon 8 Elite for Galaxy	9226	2,53	2,17
313	Galaxy S25+	Samsung	Snapdragon 8 Elite for Galaxy	9432	4,49	2,17
314	Galaxy S25 FE	Samsung	Exynos 2400	6899	2,53	2,17
315	Galaxy S25 Ultra	Samsung	Snapdragon 8 Elite for Galaxy	9429	4,49	2,17

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316	Galaxy S25 Edge	Samsung	Snapdragon 8 Elite for Galaxy	9204	4,49	2,17
317	Galaxy Z Fold 7	Samsung	Snapdragon 8 Elite for Galaxy	8723	4,30	1,11
318	Galaxy Z Flip 6	Samsung	Snapdragon 8 Gen 3 for Galaxy	6040	2,85	2,44
319	Galaxy Z Flip 7	Samsung	Exynos 2500	6549	2,72	2,33
320	Galaxy Z Flip 7 FE	Samsung	Exynos 2400	nan	2,85	2,44
321	Galaxy A56 5G	Samsung	Exynos 1580	3756	2,53	2,17
322	Galaxy A36 5G	Samsung	Snapdragon 6 Gen3	2810	2,53	2,17
323	Galaxy A26 5G	Samsung	Exynos 1380	2806	2,53	2,17
324	Galaxy A17	Samsung	Exynos 1330	2137	2,53	2,17
325	Galaxy A16	Samsung	Exynos 1330	1895	2,53	2,17
326	Xperia 5 II	Sony	Qualcomm SM8250	3307	2,72	2,33
327	Xperia 1 V	Sony	QTI SM8550	5556	2,81	2,34
328	Xperia 5	Sony	Qualcomm SM8150	3307	2,72	2,33
329	PDT-FP1	Sony	QTI SM8550	5372	2,72	2,33
330	Xperia 1 III	Sony	Qualcomm SM8350	3671	2,81	2,34
331	Xperia 1	Sony	Qualcomm SM8150	3671	2,81	2,34
332	Xperia 5 V	Sony	QTI SM8550	3455	2,72	2,33
333	Xperia 1 II	Sony	Qualcomm SM8250	3671	2,81	2,34
334	Xperia PRO-I	Sony	Qualcomm SM8350	3597	2,81	2,34
335	Xperia 1	Sony	Qualcomm SM8150	3671	2,81	2,34
336	Xperia PRO	Sony	Qualcomm SM8250	3597	2,81	2,34
337	Xperia 5 III	Sony	Qualcomm SM8350	3307	2,72	2,33
338	Xperia 10 VI	Sony	Qualcomm SM6450	nan	2,72	2,33
339	Xperia 1 VI	Sony	QTI SM8650	nan	2,53	2,17
340	Xperia 5 IV	Sony	QTI SM8450	nan	2,72	2,33
341	Xperia Ace III	Sony	Qualcomm SM4350	nan	1,08	2,08
342	Xperia 1 Professional Edition	Sony	Qualcomm SM8150	nan	2,81	2,34
343	Xperia 10 VII	Sony	Snapdragon 6 Gen3	2943	2,53	2,17
344	Xperia 1 VII	Sony	Snapdragon 8 Elite	9017	2,53	2,17
345	Vivo X60 Pro	Vivo	Snapdragon 870	1700	2,07	1,78
346	Redmi note 11 pro	Xiaomi	MediaTek Helio G96	nan	2,592	2,22
347	Xiaomi 14 ultra	Xiaomi	Snapdragon 695	nan	2,592	2,22
348	MI 8 Pro	Xiaomi	Qualcomm SDM845	2947	2,43	2,08
349	Xiaomi 12X	Xiaomi	Qualcomm SM8250ac	3091	2,59	2,22
350	Mi 10 Ultra	Xiaomi	Qualcomm SM8250	2936	2,53	2,17
351	MI 8	Xiaomi	Qualcomm SDM845	3034	2,43	2,08

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352	Xiaomi 14 Pro	Xiaomi	QTI SM8650	3568	4,61	2,22
353	Xiaomi 12T Pro	Xiaomi	QTI SM8475	3875	3,31	2,22
354	Xiaomi 12	Xiaomi	QTI SM8450	4075	2,59	2,22
355	Mi 10	Xiaomi	Qualcomm SM8250	3005	2,53	2,17
356	Mi MIX 3 5G	Xiaomi	Qualcomm SDM855	2624	2,53	2,17
357	Redmi K30 Pro Zoom Edition	Xiaomi	Qualcomm SM8250	3456	2,59	2,22
358	Xiaomi 12S	Xiaomi	QTI SM8475	4075	2,59	2,22
359	Xiaomi 12T	Xiaomi	Mediatek MT6895Z_B/TCZA	3875	3,31	2,22
360	Mi 11 Lite	Xiaomi	Qualcomm SM7150	2520	2,59	2,22
361	Mi 11	Xiaomi	Qualcomm SM8350	3190	2,57	2,20
362	Mi 10 Pro	Xiaomi	Qualcomm SM8250	3395	2,53	2,17
363	Xiaomi 11 Lite 5G NE	Xiaomi	Qualcomm SM7325	2634	2,59	2,22
364	Xiaomi 13	Xiaomi	QTI SM8550	5039	2,59	2,22
365	Xiaomi 12S Ultra	Xiaomi	QTI SM8475	4075	4,61	2,22
366	Mi 11 Ultra	Xiaomi	Qualcomm SM8350	3190	4,61	2,22
367	Xiaomi 12S Pro	Xiaomi	QTI SM8475	4075	4,61	2,22
368	MIX 3	Xiaomi	Qualcomm SDM845	2624	2,53	2,17
369	Xiaomi 14 Ultra	Xiaomi	QTI SM8650	4192	4,61	2,22
370	Xiaomi 11T	Xiaomi	Mediatek MT6893	3267	2,59	2,22
371	Xiaomi 13 Ultra	Xiaomi	QTI SM8550	3285	4,61	2,22
372	Xiaomi 12T Pro	Xiaomi	QTI SM8475	3875	3,31	2,22
373	Redmi 6 Pro	Xiaomi	Qualcomm MSM8953	14050	2,46	2,11
374	Mi 11 Lite	Xiaomi	Qualcomm SM7150	2520	2,59	2,22
375	MI 9	Xiaomi	Qualcomm SDM855	3007	2,53	2,17
376	MIX 4	Xiaomi	Qualcomm SM8350	11165	2,59	2,22
377	Xiaomi 11T Pro	Xiaomi	Qualcomm SM8350	3267	2,59	2,22
378	Redmi 8	Xiaomi	Qualcomm SDM450	3842	1,09	2,11
379	Mi 10T Pro	Xiaomi	Qualcomm SM8250	3001	2,59	2,22
380	Xiaomi 12 Pro Dimensity	Xiaomi	Mediatek MT6983Z/TCZA	nan	4,61	2,22
381	Xiaomi Civi 1S	Xiaomi	Qualcomm SM7325	nan	2,59	2,22
382	Xiaomi Civi 4	Xiaomi	QTI SM8635	nan	3,4	2,22
383	Mi 10 Lite zoom	Xiaomi	Qualcomm SM7250	nan	2,59	2,22
384	Mi 10S	Xiaomi	Qualcomm SM8250ac	nan	2,53	2,17
385	Xiaomi Civi	Xiaomi	Qualcomm SM7325	nan	2,59	2,22
386	Mi 11X Pro	Xiaomi	Qualcomm SM8350	nan	2,59	2,22
387	Mi 11i	Xiaomi	Qualcomm SM8350	nan	2,59	2,22

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388	Xiaomi MIX Flip	Xiaomi	QTI SM8650	nan	3,56	2,38
389	Xiaomi 14T Pro	Xiaomi	MediaTek Dimensity 9300	4300	3,31	2,22
390	Xiaomi 13T Pro	Xiaomi	Dimensity 9200+	4000	3,31	2,22
391	Xiaomi 13 Pro	Xiaomi	Snapdragon 8 Gen 2	4500	2,59	2,22
392	Xiaomi 14	Xiaomi	Snapdragon 8 Gen 3	5000	3,2	2,23
393	Xiaomi 14 Pro	Xiaomi	Snapdragon 8 Gen 3	5800	4,61	2,22
394	Xiaomi 14 Ultra	Xiaomi	Snapdragon 8 Gen 3	5800	4,61	2,22
395	Poco F5	Xiaomi	Snapdragon 7+ Gen 2	4100	2,59	2,22
396	Redmi Note 13 Pro	Xiaomi	MediaTek Helio G99-Ultra	2300	2,59	2,22
397	Redmi Note 12 Pro	Xiaomi	Snapdragon 732G	2000	2,59	2,22
398	Xiaomi 14T	Xiaomi	MediaTek Dimensity 8300 Ultra	4247	3,31	2,22
399	Xiaomi 15T	Xiaomi	MediaTek Dimensity 8400 Ultra	6675	3,55	2,17
400	Xiaomi 15T Pro	Xiaomi	MediaTek Dimensity 9400 +	7861	3,55	2,17
401	Xiaomi 15	Xiaomi	Snapdragon 8 Elite	8715	3,20	2,23
402	Xiaomi 15 Ultra	Xiaomi	Snapdragon 8 Elite	9068	4,61	2,22
403	Redmi Note 15 5G	Xiaomi	Snapdragon 6 Gen 3	2949	2,58	2,21
404	Redmi Note 15 Pro	Xiaomi	MediaTek Helio G100-Ultra	nan	2,58	2,21
405	Redmi Note 15 Pro 5G	Xiaomi	MediaTek Dimensity 7400 Ultra	nan	2,58	2,21
406	Redmi Note 15 Pro+ 5G	Xiaomi	Snapdragon 7s Gen 4	3230	3,55	2,17
407	Poco M8 5G	Xiaomi	Snapdragon 6 Gen 3	2853	2,58	2,21
408	Poco M8 Pro 5G	Xiaomi	Snapdragon 7s Gen 4	3288	3,55	2,17
409	Poco F8 Pro	Xiaomi	Snapdragon 8 Elite	8487	2,90	2,17
410	Poco F8 Ultra	Xiaomi	Snapdragon 8 Elite Gen 5	10059	3,13	2,17

## 2.3 Tablettes Apple

N°	Model	Brand	iPad OS	Chipset	Score CPU Geekbench Multicore	Pixels (megapixels)	Ratio
1	iPad Pro 12.9" (gen 6)	Apple	16 and sup	M2	~9400	5,59	1,33
2	iPad Pro 11" (gen 4)	Apple	16 and sup	M2	~9400	3,98	1,43
3	iPad (gen 10)	Apple	16 and sup	A14 Bionic	~4200	3,87	1,43
4	iPad Air (gen 5)	Apple	15 and sup	M1	~8200	3,87	1,43
5	iPad (gen 9)	Apple	15 and sup	A13 Bionic	~3400	3,5	1,33
6	iPad mini (gen 6)	Apple	15 and sup	A15 Bionic	~4600	3,37	1,52
7	iPad Pro 12.9" (gen 5)	Apple	14 and sup	M1	~8200	5,59	1,33
8	iPad Pro 11" (gen 3)	Apple	14 and sup	M1	~8200	3,98	1,43
9	iPad Air (gen 4)	Apple	14 and sup	A14 Bionic	~4200	3,87	1,43
10	iPad (gen 8)	Apple	14 and sup	A12 Bionic	~2900	3,5	1,33
11	iPad Pro 12.9" (gen 4)	Apple	13 and sup	A12Z Bionic	~4600	5,59	1,33
12	iPad Pro 11" (gen 2)	Apple	13 and sup	A12Z Bionic	~4600	3,98	1,43

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13	iPad (gen 7)	Apple	13 and sup	A10 Fusion	~2600	3,5	1,33
14	iPad Air (gen 3)	Apple	12 and sup	A12 Bionic	~2900	3,71	1,33
15	iPad mini (gen 5)	Apple	12 and sup	A12 Bionic	~2900	3,15	1,33
16	iPad Pro 12.9" (gen 3)	Apple	12 and sup	A12X Bionic	~4700	5,59	1,33
17	iPad Pro 11" (gen 1)	Apple	12 and sup	A12X Bionic	~4700	3,98	1,43
18	iPad (gen 6)	Apple	11 and sup	A10 Fusion	~2600	3,15	1,33
19	iPad Pro 12.9" (gen 2)	Apple	10 and sup	A10X Fusion	~3300	5,59	1,33
20	iPad Pro 10.5"	Apple	10 and sup	A10X Fusion	~3300	3,71	1,33
21	iPad Air 11" (M2)	Apple	17.5 and sup	M2	~9820	3,87	1,44
22	iPad Air 13" (M2)	Apple	17.5 and sup	M2	~9840	5,60	1,33
23	iPad Pro 11" (M4)	Apple	17.5 and sup	M4	~13200	4,04	1,45
24	iPad Pro 13" (M4)	Apple	17.5 and sup	M4	~13500	5,68	1,33
25	iPad mini (A17 Pro)	Apple	18 and sup	A17 Pro	~7200	3,37	1,52
26	iPad Air 11" (M3)	Apple	18.3 and sup	M3	~11600	3,87	1,44
27	iPad Air 13" (M3)	Apple	18.3 and sup	M3	~11600	5,60	1,33
28	iPad (A16)	Apple	18.3 and sup	A16	~6000	3,87	1,44
29	iPad Pro 11" (M5)	Apple	26 and sup	M5	~15300	4,04	1,45
30	iPad Pro 13" (M5)	Apple	26 and sup	M5	~15300	5,68	1,33

## 2.4 Tablettes Android

N°	Model	Brand	OS	Chipset	Score CPU Geekbench Multicore	Pixels (megapixels)	Ratio
1	Pixel Tablet	Google	Android 13	Google Tensor G2	~3630	4,1	1,6
2	Galaxy Tab S10+ (2024)	Samsung	Android 14	MediaTek Dimensity 9300+	~7044	5,96	1,6
3	Galaxy Tab S10 (2024)	Samsung	Android 14	Dimensity 9300+	~7200	6,31	1,6
4	Galaxy Tab S10 Ultra (2024)	Samsung	Android 14	Dimensity 9300+	~7200	6,31	1,6
5	Galaxy Tab S9 Ultra (2023)	Samsung	Android 13	Snapdragon 8 Gen 2	~5735	6,7	1,6
6	Galaxy Tab S9+ (2023)	Samsung	Android 13	Snapdragon 8 Gen 2	~5579	5,98	1,6
7	Galaxy Tab S9 (2023)	Samsung	Android 13	Snapdragon 8 Gen 2	~5373	4,99	1,6
8	Galaxy Tab S10 FE (2024)	Samsung	Android 14	Dimensity série 8	~3000	3,69	1,6
9	Galaxy Tab S10 FE+ (2024)	Samsung	Android 14	Dimensity série 8	~3000	4,54	1,6
10	Galaxy Tab S9 FE (2023)	Samsung	Android 13	Exynos 1380	~2923	3,32	1,6
11	Galaxy Tab S8 (2022)	Samsung	Android 12	Snapdragon 8 Gen 1	~3800	4,1	1,6
12	Galaxy Tab S8+ (2022)	Samsung	Android 12	Snapdragon 8 Gen 1	~3800	4,91	1,6
13	Galaxy Tab S8 Ultra (2022)	Samsung	Android 12	Snapdragon 8 Gen 1	~3800	6,13	1,6
14	Galaxy Tab S7 / S7+ (2020)	Samsung	Android 10	Snapdragon 865+	~3346	4,1	1,6
15	Galaxy Tab S7+ (2020)	Samsung	Android 10	Snapdragon 865+	~3346	4,91	1,6
16	Galaxy Tab A9	Samsung	Android 13	MediaTek Helio G99	~1980	1,07	1,68
17	Galaxy Tab A9+	Samsung	Android 13	Snapdragon 695 5G	~2110	2,30	1,60
18	Galaxy Tab A11	Samsung	Android 15	MediaTek Helio G99	~1980	1,07	1,68
19	Galxy Tab A11+	Samsung	Android 16	MediaTek Dimensity 7300	~3150	2,30	1,60
20	Xiaomi Pad 5 Pro 12.4"	Xiaomi	Android 11	Snapdragon 870	~3276	4,10	1,60
21	Xiaomi Pad 5 Pro 12.4" (5G)	Xiaomi	Android 11	Snapdragon 870	~3230	4,10	1,60

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## 3 Smartphones et tablettes non compatibles

Tous les smartphones et tablettes qui ne figurent pas dans la liste de compatibilité ci-dessus ne doivent pas être considérés comme adaptés à l'utilisation de l'application mobile : echOpen ON.

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## 4 Caractéristiques de compatibilité des smartphones et des tablettes

La liste des caractéristiques compatibles retenues est la suivante :

- **Marque :**
  - iOS pour smartphones et tablettes: Apple
  - Android pour smartphones et tablettes: Google, Huawei, OnePlus, Samsung, Sony, Xiaomi, Motorola, Realme, Fairphone, Honor
- **Version d'OS :**
  - iOS 17 et supérieur
  - Android 10 et supérieur
- **Puce électronique :**
  - Apple
    - iOS A12 et supérieur
    - M1 et supérieur
  - Android.
    - Samsung s5e9925
    - Samsung Exynos 9820
    - Google Tensor
    - Google Tensor G2
    - QTI SM8550
    - QTI SM7550
    - Mediatek MT6891Z/CZA
    - Qualcomm SM8250
    - Qualcomm SM8350
    - Qualcomm SDM845
    - Qualcomm SM6125
    - Qualcomm SM8150
    - Qualcomm SM8250ac
    - Qualcomm SM7435
    - Qualcomm SM6450
    - QTI SM4375
    - Qualcomm SM8150P
    - QTI SM8450
    - Samsung Exynos 990
    - QTI SM8475
    - QTI SM8650
    - Samsung Exynos 2100
    - Qualcomm SM8250Pro
    - Qualcomm SM7250
    - Samsung s5e9945
    - Mediatek MT6769T
    - Qualcomm SM4350
    - Google Tensor G4

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- Mediatek MT6855
- Qualcomm SDM855
- Mediatek MT6895
- QTI SM7450
- HiSilicon KIRIN980
- Mediatek MT6895Z\_B/TCZA
- Qualcomm SM7150
- Google Tensor G3
- Qualcomm SDM660
- Qualcomm SM7325
- Mediatek MT6878
- Mediatek MT6983
- Mediatek MT6893
- QTI SM8635
- Mediatek MT6855V/AZA
- Mediatek MT6769V/CZ
- Mediatek MT6879V\_T/ZA
- Qualcomm MSM8953
- Qualcomm SDM450
- Qualcomm SM7125
- Mediatek MT6879V/ZA
- Mediatek MT6983Z/TCZA
- Qualcomm SM7550-AB
- Mediatek MT6833
- Qualcomm SM7225

- **Performance Benchmark :**

Sont retenus les smartphones et tablettes dont le score est :

- d'au moins 1669 points mono core et 2271 points multi core pour iOS
  - 883 points mono core et 1700 points multi core pour Android
- selon les tests Geek Bench.

- **Nombre de pixels :** Entre 1 Mpix et 5 Mpix pour les smartphones, entre 1Mpix et 7 Mpix pour les tablettes.

- **Ratio de taille d'écran :**

Le ratio doit être inférieur à 2.44

Les smartphones et tablettes avec un ratio de taille d'écran trop grand (forme trop allongée) sont exclus.

- **Images par seconde :**

Le taux de rafraichissement de l'image est un bon indicateur de la capacité du smartphone ou une tablette à afficher des images en temps-réel.

Alors que la sonde d'échographie produit 10 images par seconde, un smartphone ou une tablette qui ne serait pas capable d'afficher plus de 9 images par seconde est exclus de la liste des téléphones compatibles.

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- Samsung Galaxy A21 a été rejeté pour cette raison.

## Version History

Version	Description	Version Date
1	<i>Version initiale</i>	2022-12-05
2	<i>Mise à jour PROD202248</i>	2023-03-01
3	Améliorations (Round 1 questions complémentaires) : echOpen ON V0	2023-11-14
4	Mise à jour de la liste des smartphones compatibles : echOpen ON V1.1	2024-04-16
5	Mise à jour de la liste des smartphones compatibles : echOpen ON V2.1	2024-10-07
6	Mise à jour de la liste des smartphones compatibles : echOpen ON V2.20	2024-11-01
6.1	Mise à jour de la liste des smartphones compatibles : echOpen ON V2.20	2025-02-28
6.2	Mise à jour de la liste des smartphones compatibles : echOpen ON V2.21	2025-04-15
6.3	Mise à jour de la liste des smartphones et tablettes compatibles : echOpen ON V2.30	2025-09-04
6.4	Mise à jour de la liste des smartphones et tablettes compatibles : echOpen ON V2.40	2025-02-16