

# iPhone Specs Matrix 1.6

iPhone	8	8 Plus	X	XS	XS Max	XR	11	11 Pro	11 Pro Max	SE 2G	12 Mini	12	12 Pro	12 Pro Max	13 Mini	13	13 Pro	13 Pro Max	SE 3G	14	14 Plus	14 Pro	14 Pro Max	15	15 Plus	15 Pro	15 Pro Max
Announced	9/17	9/17	9/17	9/18	9/18	9/18	9/19	9/19	9/19	4/20	10/20	10/20	10/20	10/20	09/21	09/21	09/21	09/21	3/22	09/22	09/22	09/22	09/22	09/23	09/23	09/23	09/23
Device Identifier	iPhone10,1 iPhone10,4	iPhone10,2 iPhone10,5	iPhone10,3 iPhone10,6	iPhone11,2	iPhone11,4 iPhone11,6	iPhone11,8	iPhone12,1	iPhone12,3	iPhone12,5	iPhone12,8	iPhone13,1	iPhone13,2	iPhone13,3	iPhone13,4	iPhone14,4	iPhone14,5	iPhone14,2	iPhone14,3	iPhone14,6	iPhone14,7	iPhone14,8	iPhone15,2	iPhone15,3	iPhone15,4	iPhone15,5	iPhone16,1	iPhone16,2
Model Number	A1863 A1905 A1906 A1907	A1864 A1897 A1898 A1899	A1865 A1902 A1901	A1920 A2097 A2098 A2100	A1921 A2101 A2102 A2104	A1984 A2105 A2106 A2107 A2108	A2111 A2221 A2223	A2160 A2215 A2217	A2161 A2218 A2220	A2275 A2296 A2298	A2176 A2398 A2399 A2400	A2172 A2402 A2403 A2404	A2341 A2406 A2407 A2408	A2342 A2410 A2411 A2412	A2481 A2626 A2628 A2629 A2630	A2482 A2631 A2633 A2634 A2635	A2483 A2636 A2638 A2639 A2640	A2484 A2641 A2644 A2645 A2643	A2595 A2782 A2882 A2883 A2785	A2649 A2881 A2886 A2887 A2884	A2632 A2885 A2886 A2887 A2888	A2650 A2889 A2890 A2891 A2892	A2651 A2893 A2894 A2895 A2896	A2846 A3089 A3090 A3092	A2847 A3093 A3094 A3096	A2848 A3101 A3102 A3104	A2849 A3105 A3106 A3108
Initial iOS Version	11.0	11.0	11.0.1	12.0	12.0	12.0	13.0	13.0	13.0	13.4	14.1	14.1	14.1	14.1	15.0	15.0	15.0	15.0	15.4	16.0	16.0	16.0	16.0	17.0	17.0	17.0	17.0
Latest iOS Version	16.7	16.7	16.7	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2	17.0.2
CPU (Cores)	A11 (6)	A11 (6)	A11 (6)	A12 (6)	A12 (6)	A12 (6)	A13 (6)	A13 (6)	A13 (6)	A13 (6)	A14 (6)	A14 (6)	A14 (6)	A14 (6)	A15 (6)	A15 (6)	A15 (6)	A15 (6)	A15 (6)	A15 (6)	A15 (6)	A16 (6)	A16 (6)	A16 (6)	A16 (6)	A17 (6)	A17 (6)
RAM	2 GB	3 GB	3 GB	4 GB	4 GB	3 GB	4 GB	4 GB	4 GB	3 GB	4 GB	4 GB	6 GB	6 GB	4 GB	4 GB	6 GB	6 GB	4 GB	6 GB	6 GB	6 GB	6 GB	6 GB	6 GB	8 GB	8 GB
Neural Engine	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Geekbench6 Single	1019	1049	1044	1274	1272	1233	1673	1703	1710	1625	1991	1992	1994	2056	2201	2186	2268	2277	2230	2228	2235	2532	2530	2534	2548	2894	2882
Geekbench6 Multi	1586	2151	1922	2560	2574	2240	3474	3709	3774	2789	4385	4383	4415	4702	5186	5166	5461	5504	5091	5402	5426	6430	6412	6244	6327	7174	7137
Resolution (points)	375 x 667	414 x 736	375 x 812	375 x 812	414 x 896	414 x 896	414 x 896	375 x 812	414 x 896	375 x 667	375 x 812	390 x 844	390 x 844	428 x 926	375 x 812	390 x 844	390 x 844	428 x 926	375 x 667	390 x 844	428 x 926	393 x 852	430 x 932	393 x 852	430 x 932	393 x 852	430 x 932
Display Scale	2x	3x	3x	3x	3x	2x	2x	3x	3x	2x	3x	3x	3x	3x	3x	3x	3x	3x	2x	3x	3x	3x	3x	3x	3x	3x	3x
Rear Camera Lens	1	2	2	2	2	1	2	3	3	1	2	2	3	3	2	2	3	3	1	2	2	3	3	2	2	3	3
LIDAR sensor	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Wide Gamut	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3D Touch	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
ARKit	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Barometer	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Biometric Sensor	Touch ID	Touch ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID	Touch ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID	Touch ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID	Face ID
Bluetooth	4.2	4.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3
CarKit	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Compass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
GPS	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Qi/MagSafe Charging	Qi	Qi	Qi	Qi	Qi	Qi	Qi	Qi	Qi	Qi	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe	Qi/MagSafe
NFC	read/write	read/write	read/write	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read	bg read
Port	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning	Lightning