

# 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<br>iPhone10,4         | iPhone10,2<br>iPhone10,5         | iPhone10,3<br>iPhone10,6 | iPhone11,2                       | iPhone11,4<br>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<br>A1905<br>A1906<br>A1907 | A1864<br>A1897<br>A1898<br>A1899 | A1865<br>A1902<br>A1901  | A1920<br>A2097<br>A2102<br>A2100 | A1921<br>A2101<br>A2102<br>A2104 | A1984<br>A2105<br>A1898<br>A2106<br>A2107<br>A2108 | A2111<br>A2221<br>A2223 | A2160<br>A2215<br>A2217 | A2161<br>A2218<br>A2220 | A2275<br>A2296<br>A2298 | A2176<br>A2398<br>A2399<br>A2400 | A2172<br>A2402<br>A2403<br>A2404 | A2341<br>A2406<br>A2407<br>A2408 | A2342<br>A2410<br>A2411<br>A2412 | A2481<br>A2626<br>A2628<br>A2629<br>A2630 | A2482<br>A2631<br>A2633<br>A2634<br>A2635 | A2483<br>A2636<br>A2638<br>A2639 | A2484<br>A2641<br>A2644<br>A2645<br>A2643 | A2595<br>A2782<br>A2783<br>A2784<br>A2785 | A2649<br>A2881<br>A2882<br>A2883<br>A2884 | A2632<br>A2885<br>A2886<br>A2887<br>A2888 | A2650<br>A2889<br>A2890<br>A2891<br>A2892 | A2651<br>A2893<br>A2894<br>A2895<br>A2896 | A2846<br>A3089<br>A3090<br>A3092 | A2847<br>A3093<br>A3094<br>A3096 | A2848<br>A3101<br>A3102<br>A3104 | A2849<br>A3105<br>A3106<br>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                                       | 5.3                                       | 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                       | 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                          | 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                        | USB-C                            | USB-C                            | USB-C                            | USB-C      |