

iOS 15 & iPhone 13



PRESCOTT MAC USERS GROUP

DECEMBER, 2021

iPHONE 13

- ❖ Fifteenth generation of iPhones
- ❖ Release September 24, 2021
- ❖ Available models: iPhone 13 Mini, iPhone 13, iPhone 13 Pro, iPhone 13 Pro Max
- ❖ Same pricing as iPhone 12 models when it was released

iPHONE 13

- ❖ Battery, battery, battery!!!
- ❖ Cameras, cameras, cameras (actually lens and software)
- ❖ Display, display, display (XDR)
- ❖ Smaller notch by 20%
- ❖ Lower buttons



iPHONE 13 MODELS

iPhone 13 mini



iPhone 13



iPhone 13 Pro



iPhone 13 Pro Max



Pink



Pink



Sierra Blue



Sierra Blue

iPHONE 13 MODELS

iPhone 13 mini



5.4-inch (diagonal) all-screen OLED display¹

—

HDR display

2340-by-1080-pixel resolution at 476 ppi

iPhone 13



6.1-inch (diagonal) all-screen OLED display¹

—

HDR display

2532-by-1170-pixel resolution at 460 ppi

iPhone 13 Pro



6.1-inch (diagonal) all-screen OLED display¹

ProMotion technology with adaptive refresh rates up to 120Hz

HDR display

2532-by-1170-pixel resolution at 460 ppi

iPhone 13 Pro Max



Super Retina XDR display

6.7-inch (diagonal) all-screen OLED display¹

ProMotion technology with adaptive refresh rates up to 120Hz

HDR display

2778-by-1284-pixel resolution at 458 ppi



Up to 17 Hours
Video Playback



Up to 19 Hours
Video Playback



Up to 22 Hours
Video Playback



Up to 28 Hours
Video Playback

iPHONE 13 MODELS

iPhone 13 Mini

Height

5.18 inches (131.5 mm)

Width

2.53 inches (64.2 mm)

Depth

0.30 inch (7.65 mm)

Weight

4.97 ounces (141 grams)

128GB²

From \$699 or
\$29.12/mo. for 24 mo.*
before trade-in

256GB²

From \$799 or
\$33.29/mo. for 24 mo.*
before trade-in

512GB²

From \$999 or
\$41.62/mo. for 24 mo.*
before trade-in

iPhone 13

Height

5.78 inches (146.7 mm)

Width

2.82 inches (71.5 mm)

Depth

0.30 inch (7.65 mm)

Weight

6.14 ounces (174 grams)

128GB²

From \$799 or
\$33.29/mo. for 24 mo.*
before trade-in

256GB²

From \$899 or
\$37.45/mo. for 24 mo.*
before trade-in

512GB²

From \$1099 or
\$45.79/mo. for 24 mo.*
before trade-in

iPhone 13 Pro

Height

5.78 inches (146.7 mm)

Width

2.82 inches (71.5 mm)

Depth

0.30 inch (7.65 mm)

Weight

7.19 ounces (204 grams)

128GB²

From \$999 or
\$41.62/mo. for 24 mo.*
before trade-in

256GB²

From \$1099 or
\$45.79/mo. for 24 mo.*
before trade-in

512GB²

From \$1299 or
\$54.12/mo. for 24 mo.*
before trade-in

1TB²

From \$1499 or
\$62.45/mo. for 24 mo.*
before trade-in

iPhone 13 Pro Max

Height

6.33 inches (160.8 mm)

Width

3.07 inches (78.1 mm)

Depth

0.30 inch (7.65 mm)

Weight

8.46 ounces (240 grams)

128GB²

From \$1099 or
\$45.79/mo. for 24 mo.*
before trade-in

256GB²

From \$1199 or
\$49.95/mo. for 24 mo.*
before trade-in

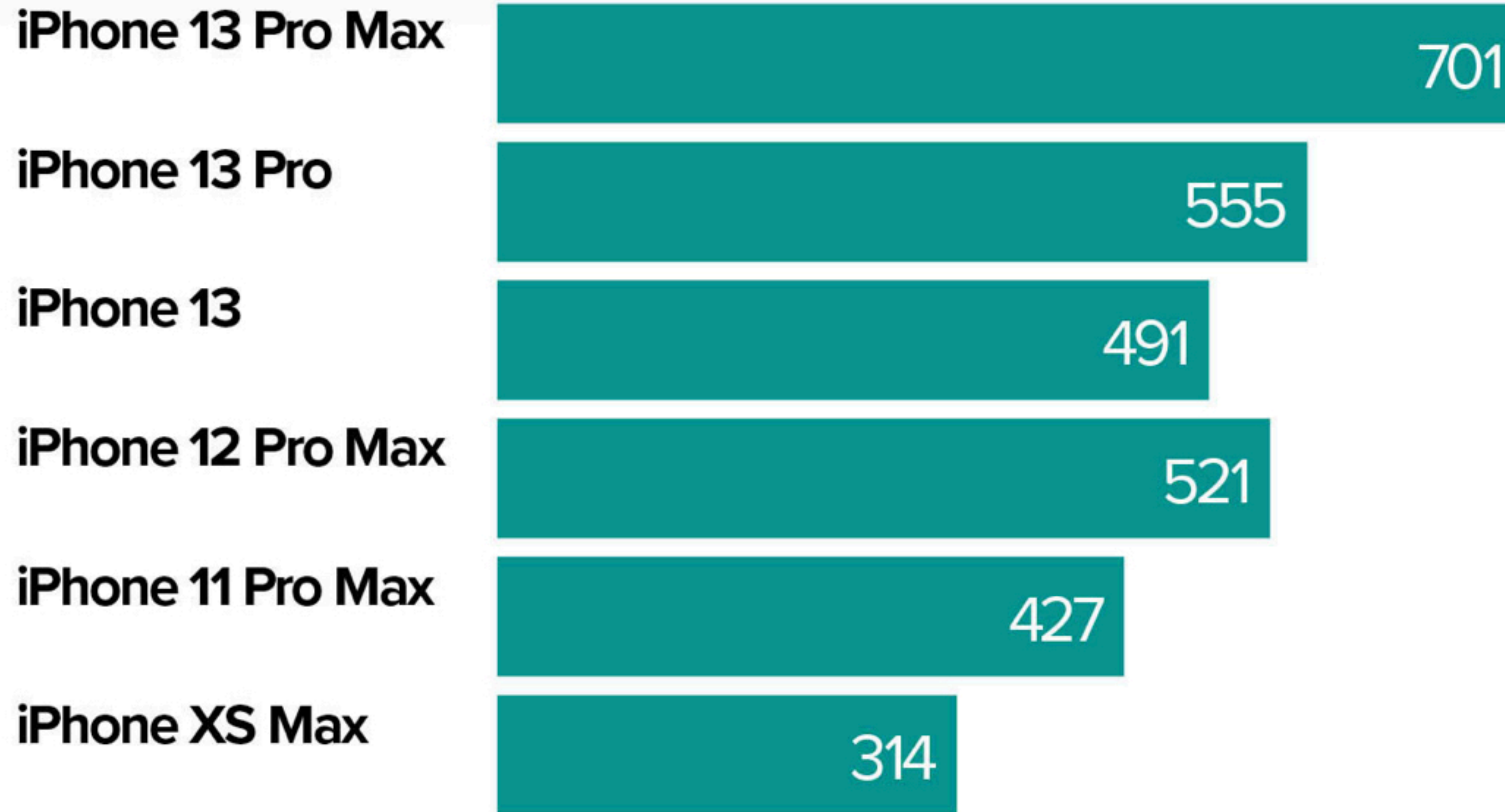
512GB²

From \$1399 or
\$58.29/mo. for 24 mo.*
before trade-in

1TB²

From \$1599 or
\$66.62/mo. for 24 mo.*
before trade-in

iPHONE 13 BATTERY LIFE



HIGHER SCORES ARE BETTER

iPHONE 13 COMMON FEATURES

- ❖ Cellular 5G reception
- ❖ A15 Bionic Chip with 6 core CPU (4 efficiency & 2 performance cores)
- ❖ 16 core Neural Engine
- ❖ Face ID & Ceramic Shield Front
- ❖ Cinematic mode at 1080p at 30 fps
- ❖ Compatible with MagSafe accessories and wireless chargers

















iPHONE 13 COMMON FEATURES





















- ◆ Dolby Vision HDR Video recording up to 4k and 60 fps
- ◆ Capacities of 128 GB, 256 GB & 512 GB
- ◆ Super Retina XDR display
- ◆ 2,000,000:1 contrast ratio (typical)
- ◆ 1200 nits max brightness (HDR)
- ◆ Back cameras (13 & 26mm lens) have larger sensors and Optical Image Stabilization

iPHONE 13 DIFFERENCES























- ❖ iPhone 13 Pro & iPhone 13 Pro Max adds:
 - ❖ Telephoto (77mm) lens
 - ❖ Choice of One TB capacity
 - ❖ ProMotion technology with adaptive refresh rates up to 120Hz
 - ❖ 5 core GPU replaces 4 core GPU
 - ❖ LIDAR scanner for night mode portraits & faster autofocus in low light













iPhone 13 Single Core Benchmarks

 iPhone 13 Pro Apple A15 Bionic @ 3.2 GHz	1693	
 iPhone 13 Pro Max Apple A15 Bionic @ 3.2 GHz	1689	
 iPhone 13 Apple A15 Bionic @ 3.2 GHz	1667	
 iPhone 13 mini Apple A15 Bionic @ 3.2 GHz	1659	
 iPhone 12 Pro Apple A14 Bionic @ 3.0 GHz	1576	
 iPhone 12 Pro Max Apple A14 Bionic @ 3.0 GHz	1575	
 iPhone 12 Mini Apple A14 Bionic @ 3.0 GHz	1571	
 iPhone 12 Apple A14 Bionic @ 3.0 GHz	1570	

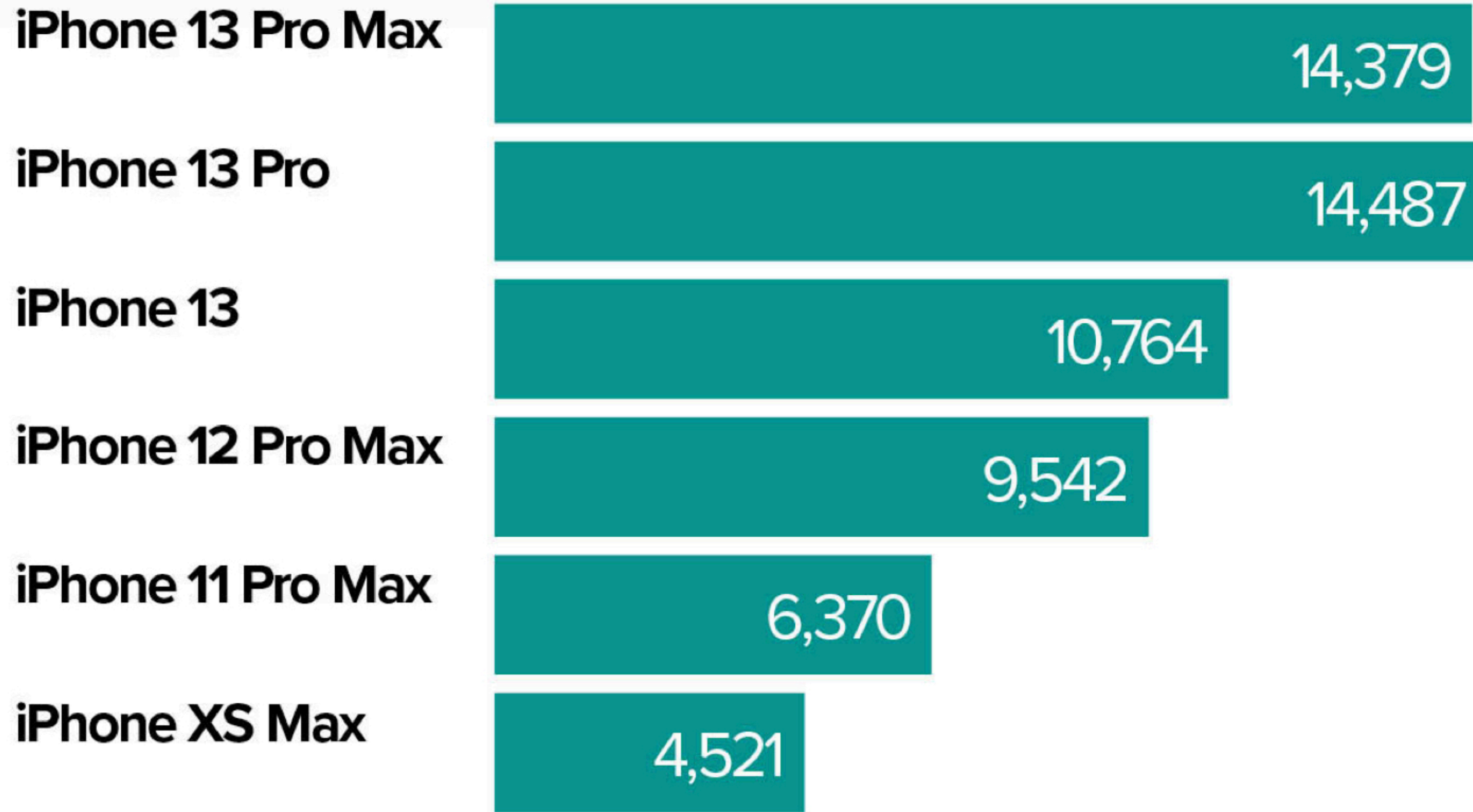
 iPhone 11 Pro Max Apple A13 Bionic @ 2.7 GHz	1311	
 iPhone 11 Pro Apple A13 Bionic @ 2.7 GHz	1311	
 iPhone SE (2nd generation) Apple A13 Bionic @ 2.7 GHz	1310	
 iPhone 11 Apple A13 Bionic @ 2.7 GHz	1307	
 iPhone XS Max Apple A12 Bionic @ 2.5 GHz	1108	
 iPhone XS Apple A12 Bionic @ 2.5 GHz	1107	
 iPhone XR Apple A12 Bionic @ 2.5 GHz	1103	
 iPhone 8 Plus Apple A11 Bionic @ 2.4 GHz	914	
 iPhone 8 Apple A11 Bionic @ 2.4 GHz	909	
 iPhone X Apple A11 Bionic @ 2.4 GHz	908	

iPhone 13 Multi Core Benchmarks

 iPhone 13 Pro Max Apple A15 Bionic @ 3.2 GHz	4623	
 iPad Pro (11-inch) Apple A12X Bionic @ 2.5 GHz	4615	
 iPhone 13 Pro Apple A15 Bionic @ 3.2 GHz	4608	
 iPhone 13 Apple A15 Bionic @ 3.2 GHz	4452	
 iPhone 12 Pro Max Apple A14 Bionic @ 3.0 GHz	3956	
 iPhone 12 Pro Apple A14 Bionic @ 3.0 GHz	3866	
 iPhone 12 Mini Apple A14 Bionic @ 3.0 GHz	3845	
 iPhone 12 Apple A14 Bionic @ 3.0 GHz	3831	
 iPhone 11 Pro Max Apple A13 Bionic @ 2.7 GHz	3252	
 iPhone 11 Pro Apple A13 Bionic @ 2.7 GHz	3243	
 iPhone 11 Apple A13 Bionic @ 2.7 GHz	2981	

 iPhone XS Apple A12 Bionic @ 2.5 GHz	2436	
 iPhone XS Max Apple A12 Bionic @ 2.5 GHz	2423	
 iPhone XR Apple A12 Bionic @ 2.5 GHz	2081	
 iPhone X Apple A11 Bionic @ 2.4 GHz	2057	
 iPhone 8 Plus Apple A11 Bionic @ 2.4 GHz	1916	
 iPhone 8 Apple A11 Bionic @ 2.4 GHz	1785	

iPHONE 13 COMPUTE BENCHMARKS



HIGHER SCORES ARE BETTER

iPHONE 13 ACCESSORIES

- ❖ Cases
- ❖ MagSafe chargers
- ❖ MagSafe battery pack
- ❖ AirPods
- ❖ Multiple device charging stands

iPHONE 13

Compare iPhone models

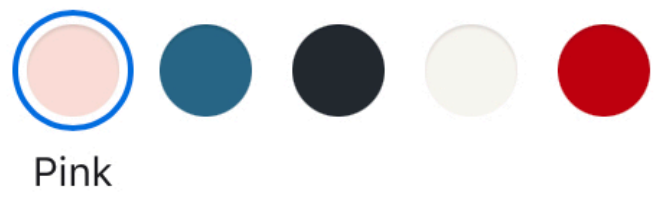
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 - iPhone 13
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 - iPhone 12 mini
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 - iPhone 11 Pro Max
 - iPhone 11
 - iPhone SE (2nd generation)
 - iPhone XS
 - iPhone XS Max
 - iPhone XR
 - iPhone X
 - iPhone 8 Plus
 - iPhone 8
 - iPhone 7 Plus
 - iPhone 7
 - iPhone 6s Plus
 - iPhone 6s

iPhone 13

iPhone XR



REFERENCES

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- ❖ <https://www.cnet.com/tech/mobile/iphone-13-review/>
- ❖ <https://www.macworld.com/article/544579/iphone-13-review.html>
- ❖ <https://arstechnica.com/gadgets/2021/09/iphone-13-and-13-pro-review-if-you-could-have-three-wishes/>

THANK YOU
FOR
PARTICIPATING