NETWORK

Technology GSM / CDMA / HSPA / EVDO / LTE / 5G

2G bands GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM) - for China

CDMA 800 / 1900

3G bands HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100

CDMA2000 1xEV-DO

4G bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 28, 29, 30, 32, 34, 38, 39, 40, 41, 42, 46, 48, 66, 71 - A2172

1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 30, 32, 34, 38, 39, 40, 41, 42, 46, 48, 66 - A2403, A2404

1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 28, 29, 30, 32, 34, 38, 39, 40, 41, 42, 46, 48, 66, 71 - A2402

5G bands 1, 2, 3, 5, 7, 8, 12, 20, 25, 28, 38, 40, 41, 66, 71, 77, 78, 79, 260, 261 Sub6/mmWave - A2172

1, 2, 3, 5, 7, 8, 12, 20, 25, 28, 38, 40, 41, 66, 77, 78, 79 Sub6 - A2402, A2403, A2404

Speed HSPA 42.2/5.76 Mbps, LTE-A, 5G, EV-DO Rev.A 3.1 Mbps

LAUNCH

Announced 2020, October 13

Status Available. Released 2020, October 23

BODY

Dimensions 146.7 x x 71.5 x 7.4 mm (5.78 x 2.81 x 0.29 in)

Weight 164 g (5.78 oz)

Build Glass front (Gorilla Glass), glass back (Gorilla Glass), aluminum frame

SIM Single SIM (Nano-SIM and/or eSIM) or Dual SIM (Nano-SIM, dual stand-by) - for China

IP68 dust/water resistant (up to 6m for 30 mins)

Apple Pay (Visa, MasterCard, AMEX certified)

DISPLAY

Type Super Retina XDR OLED, HDR10, Dolby Vision, 625 nits (HBM), 1200 nits (peak)

Size 6.1 inches, 90.2 cm2 (~86.0% screen-to-body ratio)

Resolution 1170 x 2532 pixels, 19.5:9 ratio (~460 ppi density)

Protection Scratch-resistant ceramic glass, oleophobic coating

Wide color gamut

True-tone

PLATFORM

OS iOS 14.1, upgradable to iOS 15.2

Chipset Apple A14 Bionic (5 nm)

CPU Hexa-core (2x3.1 GHz Firestorm + 4x1.8 GHz Icestorm)

GPU Apple GPU (4-core graphics)

MEMORY

Card slot No

Internal 64GB 4GB RAM, 128GB 4GB RAM, 256GB 4GB RAM

NVMe

MAIN CAMERA

Dual 12 MP, f/1.6, 26mm (wide), 1.4µm, dual pixel PDAF, OIS

12 MP, f/2.4, 13mm, 120˚ (ultrawide), 1/3.6"

Features Dual-LED dual-tone flash, HDR (photo/panorama)

Video 4K@24/30/60fps, 1080p@30/60/120/240fps, HDR, Dolby Vision HDR (up to 30fps), stereo sound rec.

SELFIE CAMERA

Dual 12 MP, f/2.2, 23mm (wide), 1/3.6"

SL 3D, (depth/biometrics sensor)

Features HDR

Video 4K@24/30/60fps, 1080p@30/60/120fps, gyro-EIS

SOUND

Loudspeaker Yes, with stereo speakers

3.5mm jack No

COMMS

WLAN Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, hotspot

Bluetooth 5.0, A2DP, LE

GPS Yes, with A-GPS, GLONASS, GALILEO, QZSS

NFC Yes

Radio No

USB Lightning, USB 2.0

FEATURES

Sensors Face ID, accelerometer, gyro, proximity, compass, barometer

Messaging iMessage, SMS(threaded view), MMS, Email, Push Email

Browser HTML5 (Safari)

Siri natural language commands and dictation

Ultra Wideband (UWB) support

BATTERY

Type Li-Ion 2815 mAh, non-removable (10.78 Wh)

Charging Fast charging 20W, 50% in 30 min (advertised)

USB Power Delivery 2.0

MagSafe wireless charging 15W

Qi magnetic fast wireless charging 7.5W

MISC

Colors Black, White, Red, Green, Blue, Purple

Models A2403, A2172, A2402, A2404, iPhone13,2

SAR EU 0.99 W/kg (head) 0.99 W/kg (body)

Price $ 649.95 / £ 595.00 / € 764.00 / ₹ 59,999 / Rp 12,275,000

TESTS

Performance AnTuTu: 568674 (v8)

GeekBench: 4067 (v5.1)

GFXBench: 58fps (ES 3.1 onscreen)

Display Contrast ratio: Infinite (nominal)

Camera Photo / Video

Loudspeaker -24.4 LUFS (Very good)

Battery life Endurance rating 84h