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|               |                     |  |
|---------------|---------------------|--|
| Network       | <b>Technology:</b>  | GSM / CDMA / HSPA / EVDO / LTE / 5G  |
|               | <b>2G bands:</b>    | GSM 850 / 900 / 1800 / 1900 SIM 1 & SIM 2  |
|               | <b>3G bands:</b>    | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100  |
|               | <b>Speed:</b>       | HSPA 42.2/5.76 Mbps, LTE-A, 5G, EV-DO Rev.A 3.1 Mbps   |
|               | <b>4G bands:</b>    | 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  |
|               | <b>Network:</b>     | 1, 2, 3, 5, 7, 8, 12, 20, 25, 26, 28, 30, 38, 40, 41, 48, 66, 70, 77, 78, 79 SA/NSA/Sub6   |
| Launch        | <b>Announced:</b>   | 2022, September 07   |
|               | <b>Status:</b>      | Available. Released 2022, September 16   |
| Body          | <b>Dimensions:</b>  | 147.5 x 71.5 x 7.9 mm  |
|               | <b>Weight:</b>      | 206 g  |
|               |                     | IP68 dust/water resistant (up to 6m for 30 mins)<br>Apple Pay (Visa, MasterCard, AMEX certified)   |
|               | <b>Build:</b>       | Glass front (Gorilla Glass), glass back (Gorilla Glass), stainless steel frame   |
|               | <b>SIM:</b>         | Dual SIM (Nano-SIM and e-SIM)  |
| Display       | <b>Type:</b>        | LTPO Super Retina XDR OLED, 120Hz, HDR10, Dolby Vision, 1000 nits (typ), 2000 nits (HBM)   |
|               | <b>Size:</b>        | 6.1 inches, 91.7 cm <sup>2</sup> (~87.0% screen-to-body ratio)   |
|               |                     | Always-on display  |
|               | <b>Protection:</b>  | Scratch-resistant ceramic glass, oleophobic coating  |
|               | <b>Resolution:</b>  | 1179 x 2556 pixels, 19.5:9 ratio (~460 ppi density)  |
| Platform      | <b>OS:</b>          | iOS 16, upgradable to iOS 16.0.2   |
|               | <b>Chipset:</b>     | Apple A16 Bionic (4 nm)  |
|               | <b>CPU:</b>         | Hexa-core (2x3.46 GHz Everest + 4x2.02 GHz Sawtooth)   |
|               | <b>GPU:</b>         | Apple GPU (5-core graphics)  |
| Memory        | <b>Card slot:</b>   | No   |
|               | <b>Internal:</b>    | 512GB 6GB RAM  |
|               |                     | NVMe   |
| Sound         | <b>Loudspeaker:</b> | Yes, with stereo speakers  |
|               | <b>3.5mm jack:</b>  | No   |
| Comms         | <b>WLAN:</b>        | Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, hotspot  |
|               | <b>Bluetooth:</b>   | 5.3, A2DP, LE  |
|               | <b>GPS:</b>         | Yes, with dual-band A-GPS, GLONASS, GALILEO, BDS, QZSS   |
|               | <b>Radio:</b>       | No   |
|               | <b>USB:</b>         | Lightning, USB 2.0   |
|               | <b>NFC:</b>         | Yes  |
| Features      | <b>Sensors:</b>     | Face ID, accelerometer, gyro, proximity, compass, barometer  |
|               |                     | Ultra Wideband (UWB) support<br>Emergency SOS via satellite (SMS sending/receiving)  |
| Battery       | <b>Charging:</b>    | Fast charging, 50% in 30 min (advertised), USB Power Delivery 2.0, MagSafe fast wireless charging 15W, Qi wireless charging 7.5W   |
|               | <b>Type:</b>        | Li-Ion 3200 mAh, non-removable (12.38 Wh)  |
| Main Camera   | <b>Features:</b>    | Dual-LED dual-tone flash, HDR (photo/panorama)   |
|               | <b>Video:</b>       | 4K@24/25/30/60fps, 1080p@25/30/60/120/240fps, 10-bit HDR, Dolby Vision HDR (up to 60fps), ProRes, Cinematic mode (4K@24/30fps), stereo sound rec.  |
|               | <b>Triple:</b>      | 48 MP, f/1.8, 24mm (wide), 1/1.28", 1.22µm, dual pixel PDAF, sensor-shift OIS<br>12 MP, f/2.8, 77mm (telephoto), 1/3.5", PDAF, OIS, 3x optical zoom<br>12 MP, f/2.2, 13mm, 120° (ultrawide), 1/2.55", 1.4µm, dual pixel PDAF<br>TOF 3D LiDAR scanner (depth) |
| Selfie camera | <b>Single:</b>      | 12 MP, f/1.9, 23mm (wide), 1/3.6   |
|               | <b>Video:</b>       | 4K@24/25/30/60fps, 1080p@25/30/60/120fps, gyro-EIS   |
|               | <b>Features:</b>    | HDR, Cinematic mode (4K@24/30fps)  |