

# iPhone 12

Versions: A2399 (International); A2176 (USA); A2398 (Canada, Japan); A2400 (China); A2399 (Hong Kong)

<b>NETWORK</b>	Technology	<a href="#"><u>GSM / CDMA / HSPA / EVDO / LTE / 5G</u></a>
<b>LAUNCH</b>	Announced	2020, October 13
	Status	Released 2020, October 23
<b>BODY</b>	Dimensions	146.7 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)
<b>DISPLAY</b>	Type	Super Retina XDR OLED, HDR10, 625 nits (typ), 1200 nits (peak)
	Size	6.1 inches, 90.2 cm <sup>2</sup> (~86.0% screen-to-body ratio)
	Resolution	1170 x 2532 pixels, 19.5:9 ratio (~460 ppi density)
	Protection	Scratch-resistant glass, oleophobic coating Dolby Vision Wide color gamut True-tone
<b>PLATFORM</b>	OS	iOS 14
	Chipset	Apple A14 Bionic (5 nm)
	CPU	Hexa-core
	GPU	Apple GPU (4-core graphics)
<b>MEMORY</b>	Card slot	No
	Internal	64GB, 128GB, 256GB NVMe
<b>MAIN CAMERA</b>	Quad	12 MP, f/1.6, 26mm (wide), 1.4µm, dual pixel PDAF, OIS 12 MP, f/2.4, 120°, 13mm (ultrawide), 1/3.6"
	Features	Quad-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.
<b>SELFIE CAMERA</b>	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
<b>SOUND</b>	Loudspeaker	Yes, with stereo speakers
	3.5mm jack	No
<b>COMMS</b>	WLAN	Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, hotspot
	Bluetooth	5.0, A2DP, LE

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	<b>GPS</b>	Yes, with A-GPS, GLONASS, GALILEO, QZSS
	<b>NFC</b>	Yes
	<b>Radio</b>	No
	<b>USB</b>	Lightning, USB 2.0
<b>FEATURES</b>	<b>Sensors</b>	Face ID, accelerometer, gyro, proximity, compass, barometer Siri natural language commands and dictation
<b>BATTERY</b>	<b>Type</b>	Li-Ion, non-removable
	<b>Charging</b>	Fast charging 20W, 50% in 30 min (advertised) USB Power Delivery 2.0 Qi fast wireless charging 15W
	<b>Stand-by</b>	Up to 17 h (multimedia)
	<b>Music play</b>	Up to 65 h
<b>MISC</b>	<b>Colors</b>	Black, White, Red, Green, Blue
	<b>Models</b>	A2399, A2176, A2398, A2400, A2399
	<b>SAR EU</b>	0.99 W/kg (head) 0.99 W/kg (body)