iPhone-11-Pro-512GB Datasheet

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Overview

Related Similar 5G Phones

Product Code	SIM	Battery	Chipset	Support 5G Bands	Size
Samsung Galaxy S20 Ultra SM-G9880	Dual SIM	5000mAh	Snapdragon 865+	5G TDD Sub6: N41(2500)/N78(3500)/N79(4500)	6.9 inches
Samsung Galaxy Note20 Ultra SM-N9860	Dual SIM	4500mAh	Snapdragon 865+	5G TDD Sub6: N41(2500)/N78(3500)/N79(4500)	6.9 inches
Samsung Galaxy Z Flip SM-F7070	Dual SIM	3300mAh	Snapdragon 865+	5G TDD Sub6: N41(2500)/ N78(3500)/N79(4500)	6.7 inches
HUAWEI P40 5G Phone	Dual SIM	3800mAh	Kirin 990	5G NR: n1/n3/n41(2515M-2690MHz)/n77/n78/n79	6.1 inches
HUAWEI Mate 40 5G Phone	Dual SIM	4200 mAh	Kirin 9000E	5G NR: n1/n3/n28 (TX: 703 MHz-733 MHz, RX: 758 MHz-788 MHz) /n38/n40/n41/n77/n78/n79/n80/n84	6.5 inches
iPhone 12 / iPhone 12 Pro	Dual SIM	2815 mAh	A14 Bionic chip	5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n66/n77/n78/n79	6.1 inches
iPhone 12 Pro Max	Dual SIM	3687 mAh	A14 Bionic chip	5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n66/n77/n78/n79	6.7 inches
Xiaomi Mi 10 5G Phone	Dual SIM	4780mAh	Snapdragon 865	5G NR: n1/n3/n41/n78/n79	6.67 inches
Xiaomi Mi 10 Ultra	Dual SIM	4500 mAh	Snapdragon 865 (7 nm+)	5G NR: n1/n3/n41/n78/n79	6.67 inches
OPPO Reno4 5G Phone	Dual SIM	4020mAh	Snapdragon 765G	5G NR: n1/n3/n41/n77/n78/n79	6.4 inches
OPPO Find X2 5G Phone	Dual SIM	4200mAh	Snapdragon 865	5G NR: n1/n41/n78/n79	6.7 inches

Learn More: 5G Devices

Apple iPhone 11 Pro 512GB, 5. 8-inch Super Retina XDR OLED display. Face ID for secure authentication and Apple Pay. A13 Bionic chip with third-generation Neural Engine. Fast charge with 18W adapter included.
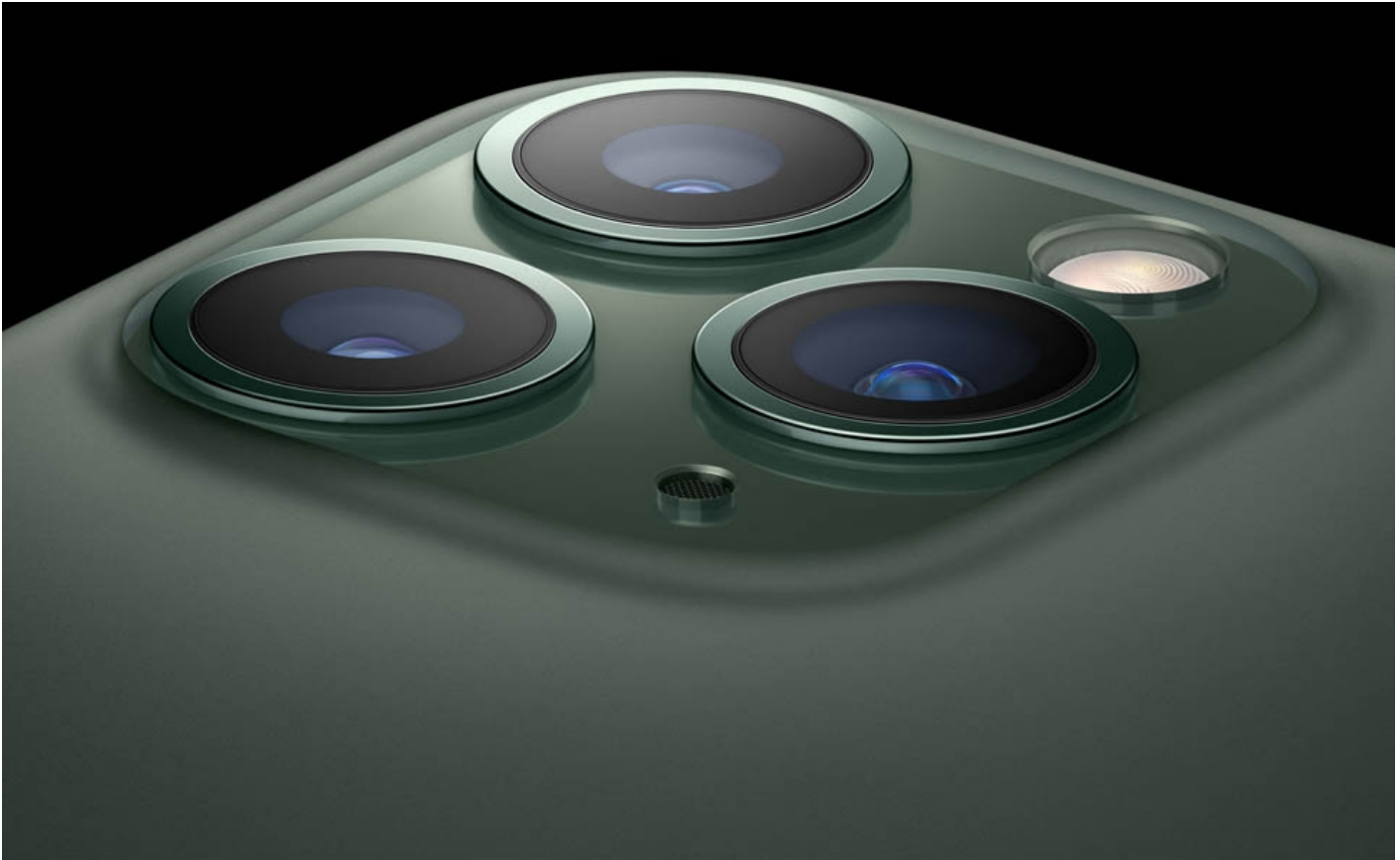
Quick Specs

Table 1 shows the Quick Specs.

Product Code	iPhone 11 Pro 512GB
Technology	GSM / CDMA / HSPA / EVDO / LTE
Dimensions	144 x 71.4 x 8.1 mm (5.67 x 2.81 x 0.32 in)
Weight	188 g (6.63 oz)
Build	Glass front (Gorilla Glass), glass back (Gorilla Glass), stainless steel 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 4m for 30 mins) Apple Pay (Visa, MasterCard, AMEX certified)
Display Type	Super Retina XDR OLED, HDR10, 800 nits (typ), 1200 nits (peak)

Display Size	5.8 inches, 84.4 cm^2 (~82.1% screen-to-body ratio)
Resolution	1125 x 2436 pixels, 19.5:9 ratio (~458 ppi density)
Protection	Scratch-resistant glass, oleophobic coating Dolby Vision Wide color gamut True-tone

Product Details

iPhone 11 Pro provides these features and benefits:

Shooting Experience Unlike Any Other

Shoot like a pro even when you are not with the incredible cameras of this Apple iPhone. It boasts of a three-camera system, i.e. ultra-wide camera, wide camera, telephoto camera, which work together seamlessly as one to give you an exceptional shooting experience. This top-class Apple phone features a 12MP rear sensor that lets you capture beautiful and stunning pictures on the fly. It incorporates next-generation Smart HDR technology to finesse highlight and shadow detail in your image, giving it a lifelike feel. Furthermore, this Apple phone features Optical image stabilization that keeps the captured shots, blur-free. What more, it also lets you shoot 4K video with extended dynamic range and cinematic video stabilization at 60fps. Thanks to its 12MP TrueDepth camera, this smartphone enables you to take slow-motion selfies or videos at 120 fps. The three-camera system performs smooth transitions from one camera to the next, depending on the surroundings. So, no matter whether you are shooting videos, photos, portraits, time-lapse, or even slo-mo videos, you will always have top-quality shots. Also, this Apple smartphone has a night mode that uses intelligent software and A13 Bionic chip to deliver low-night shots.

Power in your Hands

This Apple 11 Pro smartphone takes mobile computing to a new high. It is powered by a power-efficient A13 Bionic chip with 64-bit Fusion architecture that is intelligent and wickedly powerful. It handles the everyday tasks smoothly, be it opening and closing of applications, running of heavy-duty games, or even video editing. The 4GB RAM ensures you of a great and seamless multitasking performance. The combination of highly advanced CPU, GPU, and Neural engine ensures it delivers a top-class performance while consuming less power.

Makes Viewing a Pleasure

This Apple mobile phone delivers crisp and clear visuals for maximum viewing pleasure. It features a 5.8inch OLED screen with Super Retina XDR display that looks stunning from all angles. This smartphone hits up to 800nits brightness when you are in the sun, allowing you to use it comfortably. Also, it hits up to 1200nits brightness when you are viewing extreme dynamic range content, making it perfect for HDR photos and HDR10 movies.

Incredible Battery Life

Do more without worrying too much about the battery life with this Apple 4GB RAM smartphone. It packs in a high-capacity battery that will easily last for elongated periods on one single full charge. What's more, it incorporates fast charging technology that enables you to charge up to 50 percent of the battery in just under 30 minutes. Also, this mobile supports wireless charging, so you can charge it anywhere you want to.

Styled to Perfection

This Apple 4G LTE mobile phone is precision-milled from high-class materials that impart it a stunning and captivating look. It uses robust and durable glass on its

front and back, which resists breaking. Also, it has an excellent IP68 rating, which means you do not have to think twice before carrying the phone inside a swimming pool for some time. Also, this phone is spill-resistant, so even if you drop common liquids on it like coffee, tea, and soda, you need not worry. Furthermore, it features precision-fitted seals that provide excellent dust-resistance, making it perfect for use even in a desert.

Compare to Similar Items

Table 2 shows the comparison.

Product Code	iPhone 11	iPhone 11 Pro	iPhone 11 Pro Max
Finish	Black, Green, Yellow, Purple, Red, White	Gray, Silver, Gold, Green	Gray, Silver, Gold, Green
Capacity	64GB 128GB 256GB	64GB 256GB 512GB	64GB 256GB 512GB
Dimensions	150.9 x 75.7 x 8.3 mm (5.94 x 2.98 x 0.33 in)	144 x 71.4 x 8.1 mm (5.67 x 2.81 x 0.32 in)	158 x 77.8 x 8.1 mm (6.22 x 3.06 x 0.32 in)
Weight	194 g (6.84 oz)	188 g (6.63 oz)	226 g (7.97 oz)
Size	6.1-inch	5.8-inch	6.5-inch
Resolution	828 x 1792 pixels, 19.5:9 ratio (~326 ppi density)	1125 x 2436 pixels, 19.5:9 ratio (~458 ppi density)	1242 x 2688 pixels, 19.5:9 ratio (~458 ppi density)
Chip	A13 Bionic chip Third-generation Neural Engine	Apple A13 Bionic (7 nm+)	Apple A13 Bionic (7 nm+)
Operating System	iOS 14	iOS 13, upgradable to iOS 14.1	iOS 13, upgradable to iOS 14.1
CPU	Hexa-core (2x2.65 GHz Lightning + 4x1.8 GHz Thunder)	Hexa-core (2x2.65 GHz Lightning + 4x1.8 GHz Thunder)	Hexa-core (2x2.65 GHz Lightning + 4x1.8 GHz Thunder)
GPU	Apple GPU (4-core graphics)	Apple GPU (4-core graphics)	Apple GPU (4-core graphics)

Get More Information

Do you have any question about the iPhone 11 Pro 512GB?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

iPhone 11 Pro 512GB Specification	
Capacity	512GB
Size and Weight	Width: 2.81 inches (71.4 mm) Height: 5.67 inches (144.0 mm) Depth: 0.32 inch (8.1 mm) Weight: 6.63 ounces (188 grams)

Display	Super Retina XDR display 5.8-inch (diagonal) all-screen OLED Multi-Touch display HDR display 2436-by-1125-pixel resolution at 458 ppi 2,000,000:1 contrast ratio (typical) **NOTE** The iPhone 11 Pro display has rounded corners that follow a beautiful curved design, and these corners are within a standard rectangle. When measured as a standard rectangular shape, the screen is 5.85 inches diagonally (actual viewable area is less). True Tone display Wide color display (P3) Haptic Touch 800 nits max brightness (typical); 1200 nits max brightness (HDR) Fingerprint-resistant oleophobic coating Support for display of multiple languages and characters simultaneously
Splash, Water, and Dust Resistant	Rated IP68 (maximum depth of 4 meters up to 30 minutes) under IEC standard 60529
Chip	A13 Bionic chip Third-generation Neural Engine
Camera	Triple 12MP Ultra Wide, Wide, and Telephoto cameras Ultra Wide: ƒ/2.4 aperture and 120° field of view Wide: ƒ/1.8 aperture Telephoto: ƒ/2.0 aperture 2x optical zoom in, 2x optical zoom out; digital zoom up to 10x Portrait mode with advanced bokeh and Depth Control Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono) Dual optical image stabilization (Wide and Telephoto) Five-element lens (Ultra Wide); six-element lens (Wide and Telephoto) Brighter True Tone flash with Slow Sync Panorama (up to 63MP) Sapphire crystal lens cover 100% Focus Pixels (Wide) Night mode Auto Adjustments Next-generation Smart HDR for photos Wide color capture for photos and Live Photos Advanced red-eye correction Photo geotagging Auto image stabilization Burst mode Image formats captured: HEIF and JPEG
Video Recording	4K video recording at 24 fps, 30 fps, or 60 fps 1080p HD video recording at 30 fps or 60 fps 720p HD video recording at 30 fps Extended dynamic range for video up to 60 fps Optical image stabilization for video (Wide and Telephoto) 2x optical zoom in, 2x optical zoom out; digital zoom up to 6x Audio zoom Brighter True Tone flash QuickTake video with subject tracking Slo-mo video support for 1080p at 120 fps or 240 fps Time-lapse video with stabilization Cinematic video stabilization (4K, 1080p, and 720p) Continuous autofocus video Take 8MP still photos while recording 4K video Playback zoom Video formats recorded: HEVC and H.264 Stereo recording

TrueDepth Camera	12MP camera ƒ/2.2 aperture Portrait mode with advanced bokeh and Depth Control Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High‑Key Mono) Animoji and Memoji 4K video recording at 24 fps, 30 fps, or 60 fps 1080p HD video recording at 30 fps or 60 fps Slo-mo video support for 1080p at 120 fps Next-generation Smart HDR for photos Extended dynamic range for video at 30 fps Cinematic video stabilization (4K, 1080p, and 720p) Wide color capture for photos and Live Photos Retina Flash Auto image stabilization Burst mode
Touch ID	Enabled by TrueDepth camera for facial recognition
Apple Pay	Pay with your iPhone using Face ID in stores, within apps, and on the web Send and receive money in Messages Complete purchases made with Apple Pay on your Mac
Apple Card	Credit card created by Apple, designed for iPhone Use the Wallet app to apply for, manage, and use Apple Card Pay with Apple Pay using Face ID in stores, within apps, and on the web Titanium, laser-etched physical credit card for use where Apple Pay is not accepted yet
Cellular and Wireless	**Model A2160** FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 29, 30, 66, 71) TD-LTE (Bands 34, 38, 39, 40, 41, 42, 46, 48) CDMA EV‑DO Rev. A (800, 1900 MHz) UMTS/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz) GSM/EDGE (850, 900, 1800, 1900 MHz) **Model A2161** FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 29, 30, 66, 71) TD-LTE (Bands 34, 38, 39, 40, 41, 42, 46, 48) CDMA EV-DO Rev. A (800, 1900 MHz) UMTS/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz) GSM/EDGE (850, 900, 1800, 1900 MHz) **All models** Gigabit-class LTE with 4x4 MIMO and LAA 802.11ax Wi-Fi 6 with 2x2 MIMO Bluetooth 5.0 wireless technology Ultra Wideband chip for spatial awareness NFC with reader mode Express Cards with power reserve
Location	Built-in GPS/GNSS Digital compass Wi-Fi Cellular iBeacon microlocation
Video Calling	FaceTime video calling over Wi‑Fi or cellular
Audio Calling	FaceTime audio Voice over LTE (VoLTE) Wi-Fi calling
Audio Playback	Audio formats supported: AAC-LC, HE-AAC, HE-AAC v2, Protected AAC, MP3, Linear PCM, Apple Lossless, FLAC, Dolby Digital (AC-3), Dolby Digital Plus (E-AC-3), Dolby Atmos, and Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+) Spatial audio playback User-configurable maximum volume limit
Video Playback	Video formats supported: HEVC, H.264, MPEG-4 Part 2, and Motion JPEG High Dynamic Range with Dolby Vision and HDR10 content AirPlay Mirroring, photos, and video out to Apple TV (2nd generation or later) Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately)

Siri	Use your voice to send messages, set reminders, and more Get intelligent suggestions on your Lock screen and in Messages, Mail, QuickType, and more Activate hands-free with only your voice using "Hey Siri" Use your voice to run shortcuts from your favorite apps
Power and Battery	Lasts up to 4 hours longer than iPhone XS **Video playback:** Up to 18 hours **Video playback (streamed):** Up to 11 hours **Audio playback:** Up to 65 hours 18W adapter included Built-in rechargeable lithium-ion battery Wireless charging (works with Qi chargers) Charging via USB to computer system or power adapter Fast-charge capable: Up to 50% charge in around 30 minutes with 18W adapter or higher
Sensors	Face ID Barometer Three-axis gyro Accelerometer Proximity sensor Ambient light sensor
Operating System	**iOS 13** iOS is the world's most personal and secure mobile operating system, packed with powerful features and designed to protect your privacy.
Accessibility	Accessibility features help people with disabilities get the most out of their new iPhone 11 Pro. With built-in support for vision, hearing, mobility, and learning, you can fully enjoy the world's most personal device. **Features include:** • Voice Control • VoiceOver • Zoom • Magnifier • RTT and TTY support • Siri and Dictation • Type to Siri • Switch Control • Closed Captions • AssistiveTouch • Speak Screen
Headphones	EarPods with Lightning Connector
SIM Card	Dual SIM (nano-SIM and eSIM) iPhone 11 Pro and iPhone 11 Pro Max are not compatible with existing micro-SIM cards.
Rating for Hearing Aids	M3, T4
Mail Attachment Support	**Viewable document types** .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel); .zip; .ics; .usdz (USDZ Universal)
System Requirements	Apple ID (required for some features) Internet access **Syncing to a Mac or PC requires:** • macOS Catalina 10.15 using the Finder • macOS El Capitan 10.11.6 through macOS Mojave 10.14.6 using iTunes 12.8 or later • Windows 7 or later using iTunes 12.10 or later
Environmental Requirements	Operating ambient temperature: 32° to 95° F (0° to 35° C) Nonoperating temperature: –4° to 113° F (–20° to 45° C) Relative humidity: 5% to 95% noncondensing Operating altitude: tested up to 10,000 feet (3000 m)

In the Box	iPhone with iOS 13 EarPods with Lightning Connector USB-C to Lightning Cable 18W USB-C Power Adapter Documentation

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