# iPhone-11-256GB Datasheet





## 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 256GB, Liquid Retina HD display, 6.1-inch (diagonal) all-screen LCD Multi-Touch display with IPS technology, 1792-by-828-pixel resolution at 326 ppi. A13 Bionic chip & Third-generation Neural Engine

### **Quick Specs**

Table 1 shows the Quick Specs.

Product Code	iPhone 11 256GB
Finish	Black, Green, Yellow, Purple, RED, White
Capacity	256GB
Size and Weight	Width: 2.98 inches (75.7 mm) Height: 5.94 inches (150.9 mm) Depth: 0.33 inch (8.3 mm) Weight: 6.84 ounces (194 grams)
Splash, Water, and Dust Resistant	Rated IP68 (maximum depth of 2 meters up to 30 minutes) under IEC standard 60529
Chip	A13 Bionic chip

#### **Product Details**

iPhone 11 provides these features and benefits:

Can't take your Eyes off It



This Apple iPhone 11 smartphone is beautifully designed, making you fall in love with it each time you see it. The 6.1inch Liquid Retina display captivates your attention, unlike any other smartphone. The glass and aerospace-grade aluminum design make it durable and lend it heart-stealing looks.

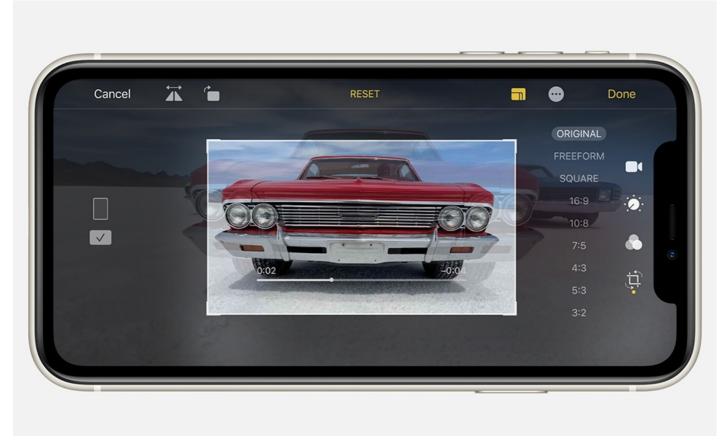
#### For Moments that You can't Let go Uncaptured



This Apple smartphone boasts of a 12MP dual-camera setup that allows you to click the best of moments in great detail. Be it landscapes, your precious moments, or fast-moving objects; you can capture them at their absolute best with this camera setup. Shoot videos like a pro and create a reference point to relive the moments

that matter. Low-lighting conditions will no longer affect the quality of your photo, as the 12MP wide camera offers three times faster autofocus in low light. With the night mode, there is no need for flash, as this camera setup captures photos with natural color and brightness. Give your subject the limelight that it deserves with the portrait mode. The Smart HDR makes the use of machine learning to recognize people and treat them differently from the rest of the shot, giving beautiful highlights, shadows, and natural-looking skin tones. Take mesmerizing slo-mo selfies with the 12MP TrueDepth camera. With optical image stabilization, clicking crystal-clear photos won't be an issue.

#### **Seamless Performance**



This iPhone 11 smartphone adds a blazing speed to everything that you do, with the A13 Bionic chip that features Neural Engine. This powerful chip makes even the processor-intensive tasks smooth. Be it shooting 4K video at 60FPS in extended dynamic range or relighting the person in the foreground; this chip does it all at an impressive speed. Plus, this iPhone has 4GB RAM that makes multitasking faster than ever; also, it loads graphic-intense games and video-editing apps quickly. Store more entertainment content and delete less, thanks to the inbuilt memory capacity of up to 128GB offered by this smartphone. It features iOS 13 operating system that makes using it an absolute delight. This operating system adds a touch of excitement with features such as system-wide dark mode, sign in with Apple option, and new photo-editing interface.

Stay on Top of your Entertainment Game













This Apple smartphone boasts of a 6.1 inch Liquid Retina HD display that renders crisp and detailed images to take your entertainment quotient to the whole new level. Watch your favorite movies, enthralling sporting events, or gripping online content and enjoy them to the fullest, thanks to the deadly combination True Tone display and Dolby Atmos. With a resolution of 1792 x 828 pixels, it delivers images of the highest quality, bringing them to life. The fingerprint-resistant oleophobic coating ensures that no unwanted marks are left on the screen, even after extensive use. Plus, this smartphone has a powerful, long-lasting battery that provides hours of unplugged entertainment, making it your perfect traveling partner.

### **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
СРИ	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**

# Specification

iPhone 11 256GB Specification	
Finish	Black, Green, Yellow, Purple, Red, White
Capacity <sup>1</sup>	256GB
Size and Weight <sup>2</sup>	Width: 2.98 inches (75.7 mm)  Height: 5.94 inches (150.9 mm)  Depth: 0.33 inch (8.3 mm)  Weight: 6.84 ounces (194 grams)
Display	Liquid Retina HD display 6.1-inch (diagonal) all-screen LCD Multi-Touch display with IPS technology 1792-by-828-pixel resolution at 326 ppi 1400:1 contrast ratio (typical) True Tone display Wide color display (P3) Haptic Touch 625 nits max brightness (typical) Fingerprint-resistant oleophobic coating Support for display of multiple languages and characters simultaneously
Splash, Water, and Dust Resistant <sup>3</sup>	Rated IP68 (maximum depth of 2 meters up to 30 minutes) under IEC standard 60529
Chip	A13 Bionic chip Third-generation Neural Engine
Camera	Dual 12MP Ultra Wide and Wide cameras Ultra Wide: f/2.4 aperture and 120° field of view Wide: f/1.8 aperture 2x optical zoom out Digital zoom up to 5x Portrait mode with advanced bokeh and Depth Control Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono) Optical image stabilization (Wide) Five-element lens (Ultra Wide); six-element lens (Wide) Brighter True Tone flash with Slow Sync Panorama (up to 63MP) Sapphire crystal lens cover 100% Focus Pixels (Wide) Night mode (Wide) Deep Fusion (Wide) Next-generation Smart HDR for photos Wide color capture for photos and Live Photos Advanced red-eye correction Auto image stabilization Burst mode Photo geotagging 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) 2x optical zoom out Digital zoom up to 3x Audio zoom Brighter True Tone flash QuickTake video 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  f/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
Face 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 Pay for your ride using Express Transit
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 A2111 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 2x2 MIMO and LAA <sup>4</sup> 802.11ax Wi-Fi 6 with 2x2 MIMO Bluetooth 5.0 wireless technology Ultra Wideband chip for spatial awareness <sup>5</sup> NFC with reader mode Express Cards with power reserve
Location	Built-in GPS/GNSS Digital compass Wi-Fi Cellular iBeacon microlocation
Video Calling <sup>6</sup>	FaceTime video calling over cellular or Wi-Fi
Audio Calling <sup>6</sup>	FaceTime audio Voice over LTE (VoLTE) <sup>4</sup> Wi-Fi calling <sup>4</sup>

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 Supports Dolby Vision, HDR10, and HLG Up to 4K HDR AirPlay for mirroring, photos, and video out to Apple TV (2nd generation or later) or AirPlay 2-enabled smart TV Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately) <sup>7</sup>
Siri <sup>8</sup>	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 <sup>9</sup>	Video playback: Up to 17 hours Video playback (streamed): Up to 10 hours Audio playback: Up to 65 hours  Fast-charge capable: Up to 50% charge in 30 minutes <sup>10</sup> with 20W adapter or higher (sold separately) Built-in rechargeable lithium-ion battery Wireless charging (works with Qi chargers <sup>11</sup> ) Charging via USB to computer system or power adapter
Sensors	Face ID Barometer Three-axis gyro Accelerometer Proximity sensor Ambient light sensor
Operating System	iOS 14
Accessibility	Voice Control VoiceOver Zoom Magnifier RTT and TTY support Siri and Dictation Type to Siri Switch Control Closed Captions AssistiveTouch Speak Screen Back Tap
SIM Card	Dual SIM (nano-SIM and eSIM) <sup>12</sup> iPhone 11 is 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 <sup>13</sup> Syncing to a Mac or PC requires: • macOS Catalina 10.15 or later 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 12.10.10 or later (free download from itunes.com/download)

Environmental Requirements	Operating ambient temperature: 32° to 95° F (0° to 35° C) Non-operating 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 14 USB-C to Lightning Cable Documentation

#### Note

- 1.Available space is less and varies due to many factors. A standard configuration uses approximately 11GB to 14GB of space (including iOS and preinstalled apps) depending on the model and settings. Preinstalled apps use about 4GB, and you can delete these apps and restore them. Storage capacity subject to change based on software version and may vary by device.
- 2. Size and weight vary by configuration and manufacturing process.
- 3.iPhone 11 is splash, water, and dust resistant and was tested under controlled laboratory conditions with a rating of IP68 under IEC standard 60529 (maximum depth of 2 meters up to 30 minutes). Splash, water, and dust resistance are not permanent conditions and resistance might decrease as a result of normal wear. Do not attempt to charge a wet iPhone; refer to the user guide for cleaning and drying instructions. Liquid damage not covered under warranty.
- 4.Data plan required. LTE Advanced, LTE, VoLTE, and Wi-Fi calling are available in select markets and through select carriers. Speeds are based on theoretical throughput and vary based on site conditions and carrier.
- 5. Ultra Wideband availability varies by region.
- 6.FaceTime calling requires a FaceTime enabled device for the caller and recipient and a Wi-Fi connection. Availability over a cellular network depends on carrier policies; data charges may apply.
- 7. Standard dynamic range video content only.
- 8. Siri may not be available in all languages or in all areas, and features may vary by area. Internet access required. Cellular data charges may apply.
- 9.All battery claims depend on network configuration and many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced by Apple service provider. Battery life and charge cycles vary by use and settings.
- 10Testing conducted by Apple in August 2019 using preproduction iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max units and software and accessory Apple USB-C Power Adapters (18W Model A1720, 29W Model A1540, 30W Model A1882, 61W Model A1947 and 87W Model A1719). Fast-charge testing conducted with drained iPhone units. Charge time varies with environmental factors; actual results will vary.
- 11.Qi wireless chargers sold separately.
- 12.Use of eSIM requires a wireless service plan (which may include restrictions on switching service providers and roaming, even after contract expiration). Not all carriers support eSIM. Use of eSIM in iPhone may be disabled when purchased from some carriers. See your carrier for details.
- 13. Wireless broadband recommended; fees may apply

## Want to Buy

Order Now

Get a Quote

## Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.



Countries we Sold



**Customers Trusted** 



Inventory Available



Off Global List Price



Safe Online Shopping

## Contact Us

- Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com