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## Apple iPad Pro 12.9-Inch (Wi-Fi/Cell - 2nd Gen) 64, 256, 512 GB Specs

Identifiers: [iPad Pro 12.9" \(2nd Gen - Wi-Fi+Cell\) - MQEE2LL/A\\* - A1671 - 3150\\*](#) - [iPad7,2](#)

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Compared to its [predecessor](#), the iPad Pro 12.9-Inch (Wi-Fi/Cellular - 2nd Gen) -- and its Wi-Fi only sibling, the [iPad Pro 12.9-Inch \(Wi-Fi Only - 2nd Gen\)](#) -- are essentially the same physical size, but pack a higher-quality display as well as better cameras and faster performance.

Both 12.9-inch iPad Pro (2nd Gen) devices feature a fully-laminated, antireflective 12.9-inch LED-backlit 2732x2048 (264 ppi, DCI-P3 color gamut) touch-sensitive "Retina" display. These models support a new "ProMotion technology" that provides an impressive 120 Hz refresh rate for smoother animations and lower latency when using the Apple Pencil accessory.

The 12.9-inch iPad Pro (2nd Gen) models are powered by an Apple A10X processor, have 4 GB of RAM (subject to confirmation), and either 64 GB, 256 GB, or 512 GB of flash memory storage packed in a Black and Space Gray, White and Silver, or White and Gold case.

Other noteworthy features include dual cameras -- a rear-mounted 12 megapixel "iSight" camera capable of shooting stills and 4K video and a front-mounted 7 megapixel "FaceTime HD" camera capable of shooting stills and 1080p HD video, dual-band 802.11a/b/g/n/ac Wi-Fi with HT80 with MIMO capability and Bluetooth 4.2, as well as dual microphones and two sets of stereo speakers.

Connectivity to computers, if desired, and power is provided by a Lightning port. A "Smart Connector" provides connectivity for a size-specific Apple Smart Keyboard. Additional input also is available courtesy of an optional "Apple Pencil" (A1603, US\$99), which provides a variety of pressure sensitive sketching and drawing options.

The battery life of this iPad Pro model is reportedly 10 hours "surfing the web on Wi-Fi, watching video, or listening to music" and nine hours surfing the web using cellular data.

This Wi-Fi/Ceullar 12.9-inch iPad Pro (2nd Gen) has support for A-GPS as well as LTE

Advanced (Bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 17, 18, 19, 20, 21, 25, 26, 27, 28, 29, 30, 38, 39, 40, and 41). It has an "Embedded Apple SIM" that can be used to switch between some carriers, like T-Mobile in the US, as well as a nano SIM slot to use "traditional" SIM cards.

Also see:

Also see:

- [What](#) are all the differences between the 10.5" iPad Pro and 12.9" iPad Pro (2nd Gen)? Which is best for me? (In-Depth)
- [What](#) are the "pros and cons" of the iPad Pro line? Is one the best iPad for me? (Quick Read)



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Introduction Date:	June 5, 2017*	Discontinued Date: N/A
Processors:	1 (3 Cores)	Geekbench 2 (32): Pending
Geekbench 3 (32):	N/A	Geekbench 3 (32): N/A
Geekbench 3 (64):	4118 (3884 - GB 4)	Geekbench 3 (64): 9639 (9202 - GB 4)
Processor Speed:	2.3 GHz*	Processor Type: Apple A10X Fusion
Onboard RAM:	4 GB*	Storage Capacity: 64, 256, 512 GB
Details:	<p>*Apple provides no official details regarding RAM used by the 12.9-inch iPad Pro (2nd Gen). However, third party software evaluation has determined that they have 4 GB of RAM.</p> <p>Also see: <a href="#">Is it possible to add external storage to the iPad? How?</a></p>	
Song Capacity:	N/A*	Photo Capacity: N/A*
USB Support:	Sync & Charge (Lightning)	Firewire Support: None
Details:	The Lightning Port on this iPad uses USB 3.0 and supports fast charging accordingly.	
Connectivity:	USB 3	Ports: Lightning, Smart Connector, Headphone
Case Type:	Tablet/Slate	Form Factor: iPad Pro 12.9" 2nd Gen
Housing Color:	Black or White*	Controller: Multi-touch
Details:	<p>*The 12.9-inch iPad Pro (2nd Gen) models are available with either a black glass front and a "Space" gray aluminum back, a white glass front and a silver colored aluminum back or a white glass front and a gold colored aluminum back.</p>	
Built-in Display:	12.9" Color*	Display Resolution: 2732x2048 (264 ppi)

\*The 12.9-inch iPad Pro (2nd Gen) models have a 12.9" LED-backlit 2732 by 2048 "fully laminated" display (264 ppi) with an "oleophobic" (oil repellent) and antireflective coating. Apple also note that it is a "wide color" display (DCI-P3 color gamut and supports the company's "True Tone" feature that evaluates the color temperature and ambient brightness of your surroundings and dynamically adjusts the display's white balance to match. More impressively, it also supports new "ProMotion technology" that provides an incredibly responsive 120 Hz refresh rate to reduce the latency of Apple pencil and make animation appear more smooth.

**Details:** The 12.9-inch iPad Pro (2nd Gen) line also supports AirPlay Mirroring to Apple TV 2nd Gen and later models as well as provides video mirroring and video out support up to 1080p using the "Lightning Digital AV Adapter" and the "Lightning to VGA Adapter."

Also see: [Can](#) the iPad models be used as an external display for a Mac or PC? How?

Site sponsor [Shenzhen Parts](#) sells quality, factory-direct parts with worldwide shipping and bulk discounts for repair shops. Replacement parts include displays, batteries, home buttons, ports, speakers, cameras, antennas, and more for [this iPad](#).

**Standard Wireless:** 802.11a/b/g/n/ac (HT80)\*      **Standard Bluetooth:** 4.2

**Cell Network:** GSM/CDMA/LTE\*      **Camera:** 12 Megapixels\*\*

**Battery Type:** Lithium Polymer (41 Whr)      **Battery Life (Music):** 9-10 Hours\*

\*Apple estimates that this 12.9-inch iPad Pro (2nd Gen) provides "up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music" and "up to 9 hours of surfing the web using [a] cellular data network."

**Details:** In the US (and many other countries), site sponsor [Other World Computing](#) sells replacement batteries for [this iPad](#).

In Australia, site sponsor [Macfixit](#) sells replacement batteries -- as well as glass covers, displays, and other parts and repair tools -- for [this iPad](#).

**Battery Life (Voice):** N/A      **Standby Time:** N/A

**Details:** Apple does not report the standby time for the iPad Pro.

**Apple Order No:** MQEE2LL/A\*      **Apple Subfamily:** iPad Pro 12.9" (2nd Gen - Wi-Fi+Cell)

**Details:** \*MQEE2LL/A refers to the configuration with 64 GB of storage in Silver. Also in Silver, with 256 GB and 512 GB of storage, respectively, the order numbers are MPA52LL/A and MPLK2LL/A. The same capacities in Space Gray are MQED2LL/A, MPA42LL/A, and MPLJ2LL/A, respectively. Finally, in Gold, they are MQEF2LL/A, MPA62LL/A, and MPLL2LL/A, respectively.

**Apple Model No:** A1671 (EMC 3150\*)      **Model ID:** iPad7,2

**Details:** \*Please note that these identifiers are unique to this specific iPad model. The EMC number is not externally listed on this device.

Also see: All iPhones with the [A1671](#) Model Number, the [3150\\*](#) EMC Number, and the [iPad7,2](#) Model Identifier.

**Pre-Installed OS:** iOS 10.3.2 (14F8089)      **Maximum OS:** Current

**Details:** This model is fully supported by the final version of iOS 10 with the exception of the minor Raise to Wake and Ride-Booking features. It is supported by the current version of iOS 11, as well.

Also see: [Which](#) iPhone, iPod touch, and iPad models support iOS 11? Do some models "partially" support iOS 11? Which ones?

**Dimensions:** 12.0 x 8.68 x 0.27      **Avg. Weight:** 1.53 lbs. (692 g)

**Mac Support:** OS X 10.9.5\*      **Windows Support:** Windows 7\*

**Details:** \*Apple reports that the 12.9-inch iPad Pro (2nd Gen), if syncing with iTunes is desired, is compatible with a Mac running OS X 10.9.5 or

later or a Windows PC running Windows 7 or later and iTunes 12.5 or later.

**Audio Support:** Apple reports that the 12.9-inch iPad Pro (2nd Gen) models support "AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), HE-AAC, MP3 (8 to 320 Kbps), MP3 VBR, Dolby Digital (AC-3), Dolby Digital Plus (E-AC-3), Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV."

**Photo Support:** N/A

**Video Support:** Apple reports that the 12.9-inch iPad Pro (2nd Gen) models support "H.264 video up to 4K, 30 frames per second, High Profile level 4.2 with AAC LC audio up to 160 Kbps, 48kHz, stereo audio or Dolby Audio up to 1008 Kbps, 48kHz, stereo or multichannel audio, in .m4v, .mp4, and .mov file formats; MPEG 4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC LC audio up to 160 Kbps per channel, 48kHz, stereo audio or Dolby Audio up to 1008 Kbps, 48kHz, stereo or multichannel audio, in .m4v, .mp4, and .mov file formats; Motion JPEG (M JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format."

The iPad Pro 2nd Gen models also include a Lightning to USB cable and USB power adapter.

**Incl. Accessories:** In the US (and many other countries), site sponsor [Other World Computing](#) sells accessories like cases, stands, keyboards, speakers and more for [this iPad](#).

In Australia, site sponsor [Macfixit](#) sells cases, stands, chargers, docks and even parts for [this iPad](#).

**Original Price:** US\$929, US\$1029, US\$1229\*      **Est. Current Retail:** US\$929, US\$1079, US\$1279\*\*



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