

# iPad Pro and Apple Pencil

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# iPad Pro and Apple Pencil

- Review of iPad Pro
- Apple Pencil
- Comparison to MacBook
- Questions ?

# iPad Pro



# Compare iPad Models

12.9-inch iPad Pro

9.7-inch iPad Pro

iPad Air 2

iPad mini 4

iPad mini 2



# Review of iPad Pro

- Size, 12.9", 9.7"
- Display,
  - (2732x2048) 12.9"
  - (2048x1536) 9.7"
- Speakers, 4
- Camera,
  - (8MP and 1.2MP) 12.9"
  - (12MP and 5MP) 9.7"
- Accessories
  - Smart Keyboard
  - Apple Pencil (Senses Pressure and Angle)

# Retina Displays

## Retina Display

An awesome display of progress.

The key to the iPad experience is the display. It's how you interact using Multi-Touch, and how you view content in spectacular detail. So we created our most vivid Retina display ever. The 12.9-inch iPad Pro has the highest resolution of any iOS device. And the new 9.7-inch iPad Pro screen — our most advanced display — is the brightest and least reflective in the world.



2048x1536  
screen resolution



2732x2048  
screen resolution

# Other Improvements...



## Quicker work.

With up to 1.8 times the CPU performance of iPad Air 2, the A9X chip delivers incredible responsiveness. Even complex actions like editing 4K video happen immediately and with unparalleled smoothness.



## More beautiful play.

iPad Pro offers up to double the graphics performance of iPad Air 2. That means it can render incredibly detailed visuals, fluid animations, and effects so real, you'll lose yourself in your favorite apps and games.



## A game changer.

Metal optimizes CPU and graphics like nothing else. So developers can design even more highly immersive console-style games and blazing-fast apps.

# New Cameras



12MP  
iSight camera

5MP  
FaceTime HD camera



8MP  
iSight camera

1.2MP  
FaceTime HD camera



# Improved Connectivity



## Wi-Fi and LTE

### Fast wireless connectivity.

iPad Pro can connect to the fastest Wi-Fi or cellular networks so you can surf the web, stream movies and share documents from virtually anywhere. With the Wi-Fi + Cellular model, you can also make phone and FaceTime calls — or even create a hotspot — with your existing data plan. And the new 9.7-inch iPad Pro features LTE Advanced, enabling up to 50 percent faster cellular connections.<sup>1</sup>



## Touch ID

### The password is you.

iPad Pro uses Touch ID technology to turn your fingerprint into an unforgettable password. So you can unlock your device with just a touch. You can also make secure purchases in iTunes, iBooks, and the App Store. And with Apple Pay, you can make purchases within your apps easily and securely.



Supports  
**23**  
LTE bands

Up to  
**300**  
Mbps via LTE Advanced



Supports  
**20**  
LTE bands

Up to  
**150**  
Mbps via LTE

# Apple Pencil

12 hours of battery life.  
You supply the creative charge.

Slip off the magnetic cap of Apple Pencil to reveal a Lightning connector that lets you charge Apple Pencil simply by plugging it into iPad Pro. The connector features a slightly elongated design, so that charging is possible even when iPad Pro is inside its Silicone Case. A full charge gives you 12 hours' worth of scribbling, sketching, annotating, and editing.<sup>1</sup> And if the battery happens to run out while using Apple Pencil, you can just charge it from your iPad Pro for 15 seconds and get 30 minutes of use.<sup>2</sup>

 15 seconds of charging = 30 minutes of battery life



# Apple Pencil

- Bluetooth Pairing and Battery Charging
- Scan rate is 2X when using Pencil
- Works as Expected with Apps
- Only works with iPad Pros, for now
- Reproduces poor handwriting perfectly
- Palm Rejection, feels like a real pencil
- Charge adapter and replacement tip

# Compared to MacBook

- Convenience and MacOS vs iOS
- Entertainment
  - Video and Audio
  - Video and image Editing
  - Gaming
  - Pro Level Apps
- Productivity
  - Office Work
  - Web Browsing
  - Email
  - Organization and Typing

# Conclusion

- Depends on the user, but...
- Some things that I would like to see improved;
  - Would have liked to see some of improvements in the small Pro in the big one, e.g., the camera, True Tone, et al.
  - Better charger, e.g., 2Amps.
  - Don't like the camera sticking out on the small Pro.
  - See the Volume Controls moved away from the camera.
  - More Apple designed apps for the Pros.

# Questions and Answers