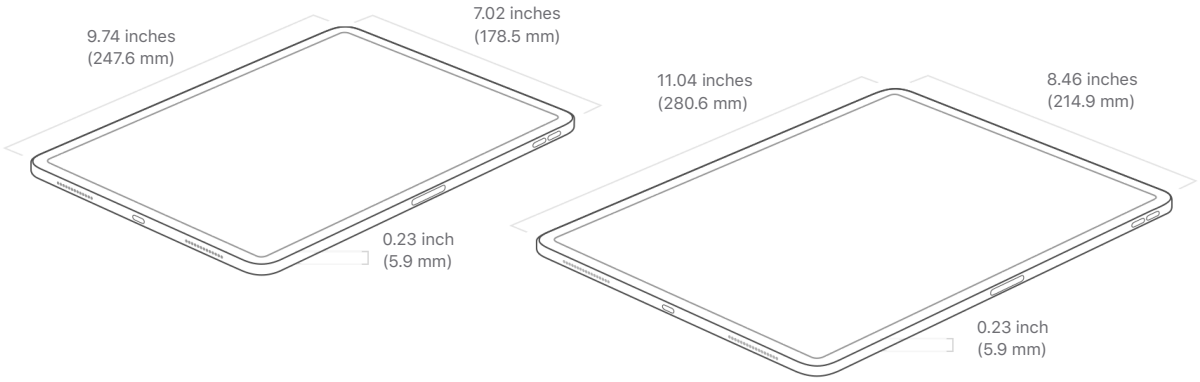
iPad Pro (2020)

	iPad Pro 11-inch	iPad Pro 12.9-inch
Finish	Silver, Space Gray	Silver, Space Gray
Capacity	128GB 256GB 512GB 1TB	128GB 256GB 512GB 1TB

Size and Weight



iPad Pro 11-inch	iPad Pro 12.9-inch
Wi-Fi models 1.04 pounds (471 grams)	**Wi-Fi models** 1.41 pounds (641 grams)
Wi-Fi + Cellular models 1.04 pounds (473 grams)	**Wi-Fi + Cellular models** 1.42 pounds (643 grams)

In the Box

iPad Pro

USB-C Charge Cable (1 meter)

18W USB-C Power Adapter

Display

Liquid Retina display
11-inch (diagonal) LED-backlit Multi-Touch display with IPS technology
2388-by-1668-pixel resolution at 264 pixels per inch (ppi)
ProMotion technology
Wide color display (P3)
True Tone display
Fingerprint-resistant oleophobic coating
Fully laminated display
Antireflective coating
1.8% reflectivity
600 nits brightness

Liquid Retina display
12.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology
2732-by-2048-pixel resolution at 264 pixels per inch (ppi)
ProMotion technology
Wide color display (P3)
True Tone display
Fingerprint-resistant oleophobic coating
Fully laminated display
Antireflective coating
1.8% reflectivity
600 nits brightness

Chip

A12Z Bionic chip with 64-bit architecture
Neural Engine
Embedded M12 coprocessor

Camera

Wide: 12MP, ƒ/1.8 aperture
Ultra Wide: 10MP, ƒ/2.4 aperture, and 125° field of view
2x optical zoom out; digital zoom up to 5x
Five-element lens (Wide and Ultra Wide)
Brighter True Tone flash
Panorama (up to 63MP)
Sapphire crystal lens cover
Backside illumination sensor
Hybrid IR filter
Autofocus with Focus Pixels (Wide)
Tap to focus with Focus Pixels (Wide)
Wide color capture for photos and Live Photos
Exposure control
Noise reduction
Smart HDR for photos
Auto image stabilization
Burst mode

Timer mode
Photo geotagging
Image formats captured: HEIF and JPEG

Video Recording

4K video recording at 24 fps, 30 fps, or 60 fps (Wide); 60 fps (Ultra Wide)
1080p HD video recording at 30 fps or 60 fps
720p HD video recording at 30 fps
Brighter True Tone flash
Slo-mo video support for 1080p at 120 fps or 240 fps (Wide); 240 fps (Ultra Wide)
Time-lapse video with stabilization
Cinematic video stabilization (1080p and 720p)
Continuous autofocus video
Noise reduction
Take 8MP still photos while recording 4K video
Playback zoom
Video geotagging
Video formats captured: HEVC and H.264

TrueDepth Camera

7MP photos
Portrait mode
Portrait Lighting
Animoji and Memoji
1080p HD video recording at 30 fps or 60 fps
Retina Flash
ƒ/2.2 aperture
Wide color capture for photos and Live Photos
Smart HDR
Backside illumination sensor
Auto image stabilization
Burst mode
Exposure control
Timer mode

Video Calling

FaceTime video
iPad to any FaceTime-enabled device over Wi-Fi or cellular

Audio Calling

FaceTime audio

iPad to any FaceTime-enabled device over Wi-Fi or cellular

Speakers

Four speaker audio

Microphones

Five studio-quality microphones for calls, video recording, and audio recording

Cellular and Wireless

All models

802.11ax Wi-Fi 6; simultaneous dual band (2.4GHz and 5GHz); HT80 with MIMO

Bluetooth 5.0 technology

Wi-Fi + Cellular models

UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz)

Gigabit-class LTE (Models A2068 and A2069: bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 29, 30, 34, 38, 39, 40, 41, 46, 48, 66, 71)

Data only

Wi-Fi calling

eSIM

SIM Card

Nano-SIM (supports Apple SIM)

eSIM

Location

All models

Digital compass

Wi-Fi

iBeacon microlocation

Wi-Fi + Cellular models

Built-in GPS/GNSS

Cellular

Sensors

Face ID
LiDAR Scanner
Three-axis gyro
Accelerometer
Barometer
Ambient light sensor

Face ID

Enabled by TrueDepth camera for facial recognition
Unlock iPad
Secure personal data within apps
Make purchases from the iTunes Store, App Store, and Apple Books

Apple Pay

Pay with your iPad using Face ID within apps and on the web
Send and receive money in Messages

Siri

Use your voice to send messages, set reminders, and more
Get proactive suggestions
Use hands-free
Listen and identify songs

Charging and Expansion

USB-C

Power and Battery

iPad Pro 11-inch
Built-in 28.65-watt-hour rechargeable lithium-polymer battery

iPad Pro 12.9-inch
Built-in 36.71-watt-hour rechargeable lithium-polymer battery

All models
Up to 10 hours of surfing the web on Wi-Fi or watching video

Charging via power adapter or USB-C to computer system

Wi-Fi + Cellular models
Up to 9 hours of surfing the web using cellular data network

Operating System

iPadOS
iPadOS comes with powerful features and built-in apps designed to take advantage of the unique capabilities of iPad.

Accessibility

Accessibility features help people with disabilities get the most out of their new iPad Pro. With built-in support for vision, hearing, mobility, and learning, you can create and do amazing things.

Features include:

- VoiceOver
- Magnifier
- Closed Captions
- Voice Control
- Siri and Dictation
- AssistiveTouch
- Zoom
- Switch Control
- Speak Screen

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

Audio Playback

Audio formats supported: 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), Dolby Atmos, Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV

User-configurable maximum volume limit

TV and Video

AirPlay Mirroring, photos, audio, and video out to Apple TV (2nd generation or later)

Supports Dolby Vision and HDR10 content

Video mirroring and video out support: Up to 4K through USB-C Digital AV Multiport Adapter and USB-C VGA Multiport Adapter (adapters sold separately)

Video formats supported: 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

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

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)