 Mac   iPad   iPhone   Watch   TV   Music   Support

MacBook Pro

Overview   macOS   Tech Specs   Buy

| 13-inch | 15-inch |

Touch Bar

Touch Bar with integrated Touch ID sensor

Price

| $1299 | $1499 | $1799 | $1999 |

Finish

Silver   Space Gray

Display

Retina display

13.3-inch (diagonal) LED-backlit display with IPS technology; 2560-by-1600 native resolution at 227 pixels per inch with support for millions of colors

Supported scaled resolutions:

- 1680 by 1050
- 1440 by 900
- 1024 by 640

500 nits brightness

Wide color (P3)

True Tone technology

Processor

1.4GHz quad-core Intel Core i5, Turbo Boost up to 3.9GHz, with 128MB of eDRAM

Configurable to 1.7GHz quad-core Intel Core i7, Turbo Boost up to 4.5GHz, with 128MB of eDRAM

2.4GHz quad-core Intel Core i5, Turbo Boost up to 4.1GHz, with 128MB of eDRAM

Configurable to 2.8GHz quad-core Intel Core i7, Turbo Boost up to 4.7GHz, with 128MB of eDRAM

Storage[1]

128GB	256GB	256GB	512GB
128GB SSD	256GB SSD	256GB SSD	512GB SSD
Configurable to 256GB, 512GB, 1TB, or 2TB SSD	Configurable to 512GB, 1TB, or 2TB SSD	Configurable to 512GB, 1TB, or 2TB SSD	Configurable to 1TB or 2TB SSD

Memory

8GB

8GB of 2133MHz LPDDR3 onboard memory

Configurable to 16GB of memory

Graphics

Intel Iris Plus Graphics 645

Intel Iris Plus Graphics 655

Charging and Expansion

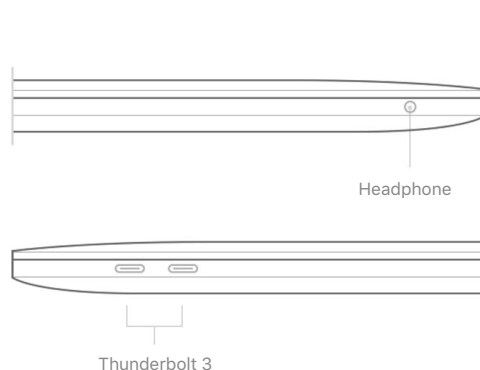Two Thunderbolt 3 (USB-C) ports with support for:

Charging

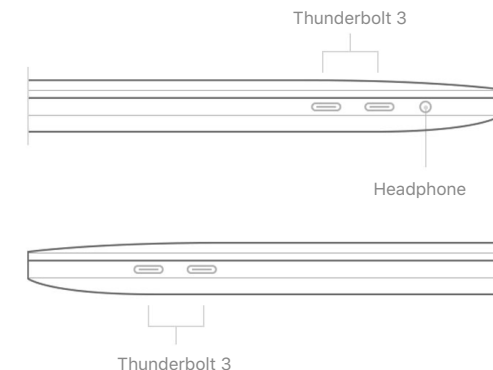Four Thunderbolt 3 (USB-C) ports with support for:

Charging

DisplayPort

Thunderbolt (up to 40Gb/s)

USB 3.1 Gen 2 (up to 10Gb/s)

DisplayPort

Thunderbolt (up to 40Gb/s)

USB 3.1 Gen 2 (up to 10Gb/s)

Headphone

Thunderbolt 3

Thunderbolt 3

Headphone

Thunderbolt 3
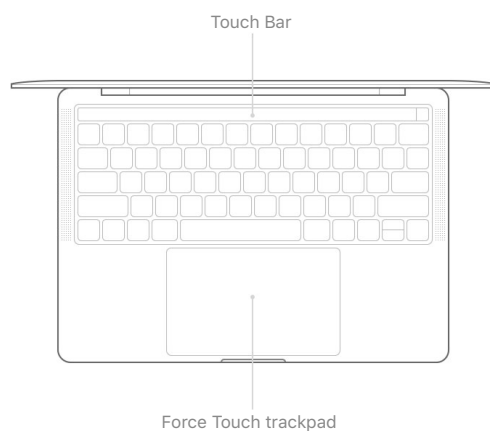
Keyboard and Trackpad

Full-size backlit keyboard with:

64 (U.S.) or 65 (ISO) keys including 4 arrow keys

Touch Bar with integrated Touch ID sensor

Ambient light sensor

Force Touch trackpad for precise cursor control and pressure-sensing capabilities; enables Force clicks, accelerators, pressure-sensitive drawing, and Multi-Touch gestures

Touch Bar

Force Touch trackpad

Wireless

Wi-Fi

802.11ac Wi-Fi wireless networking

IEEE 802.11a/b/g/n compatible

Bluetooth

Bluetooth 5.0 wireless technology

Camera

720p FaceTime HD camera

Video Support

Simultaneously supports full native resolution on the built-in display at millions of colors and:

One display with 5120-by-2880 resolution at 60Hz at over a billion colors

Up to two displays with 4096-by-2304 resolution at 60Hz at millions of colors

Up to two displays with 3840-by-2160 resolution at 60Hz at over a billion colors

Thunderbolt 3 digital video output

Native DisplayPort output over USB-C

VGA, HDMI, DVI, and Thunderbolt 2 output supported using adapters (sold separately)

Audio

Stereo speakers with high dynamic range

Three microphones

3.5 mm headphone jack

Battery and Power[2]

Up to 10 hours wireless web	Up to 10 hours wireless web
Up to 10 hours iTunes movie playback	Up to 10 hours iTunes movie playback
Up to 30 days of standby time	Up to 30 days of standby time
Built-in 58.2-watt-hour lithium-polymer battery	Built-in 58.0-watt-hour lithium-polymer battery
61W USB-C Power Adapter	61W USB-C Power Adapter

Operating Requirements

Line voltage: 100V to 240V AC
Frequency: 50Hz to 60Hz
Operating temperature: 50° to 95° F (10° to 35° C)
Storage temperature: –13° to 113° F (–25° to 45° C)
Relative humidity: 0% to 90% noncondensing
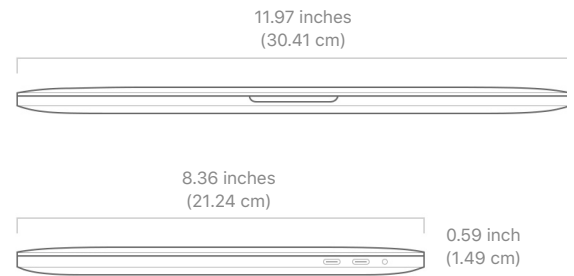**Operating altitude:** tested up to 10,000 feet
Maximum storage altitude: 15,000 feet
Maximum shipping altitude: 35,000 feet

Size and Weight

Height: 0.59 inch (1.49 cm)

Width: 11.97 inches (30.41 cm)

Depth: 8.36 inches (21.24 cm)

Weight: 3.02 pounds (1.37 kg)[3]

11.97 inches
(30.41 cm)

8.36 inches
(21.24 cm)

0.59 inch
(1.49 cm)

Operating System

macOS

macOS is the operating system that powers everything you do on a Mac. macOS Mojave brings new features inspired by its most powerful users but designed for everyone. So you can get more out of every click.

Learn more ›

Accessibility

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

Learn more ›

Features include:

- VoiceOver
- Zoom
- Increase Contrast

- Reduce Motion
- Siri and Dictation
- Switch Control

- Closed Captions
- Text to Speech

Built-in Apps[4]

Photos   iMovie   GarageBand   Pages   Numbers   Keynote

Siri   Safari   Mail   FaceTime   Messages   Maps

News   Stocks   Home   Voice Memos   Notes   Calendar

Contacts	Reminders	Photo Booth	Preview	iTunes	Books

App Store   Time Machine

In the Box

13-inch MacBook Pro

61W USB-C Power Adapter

USB-C Charge Cable (2 m)

Limited Warranty and Service

Your MacBook Pro comes with 90 days of complimentary technical support and a one-year limited warranty. Purchase AppleCare+ for Mac to extend your coverage to three years from your AppleCare+ purchase date and add up to two incidents of accidental damage coverage, each subject to a service fee of $99 for screen damage or external enclosure damage, or $299 for other repairable damage, plus applicable tax. Learn more ›

Configure to Order

Configure your MacBook Pro with these options, only at apple.com:

1.7GHz quad-core Intel Core i7, Turbo Boost up to 4.5GHz, with 128MB of eDRAM

16GB of 2133MHz LPDDR3 memory

256GB, 512GB, 1TB, or 2TB SSD

2.8GHz quad-core Intel Core i7, Turbo Boost up to 4.7GHz, with 128MB of eDRAM

16GB of 2133MHz LPDDR3 memory

512GB, 1TB, or 2TB SSD

MacBook Pro and the Environment

Apple takes a complete product life cycle approach to determining our environmental impact. Learn more ›

MacBook Pro is designed with the following features to reduce its environmental impact:

- Mercury-free LED-backlit display
- Arsenic-free display glass
- BFR-free
- PVC-free[5]
- Beryllium-free
- Highly recyclable aluminum enclosure
- Meets ENERGY STAR requirements
- Rated EPEAT Gold[6]

Apple and the Environment
Read our Product Environmental Reports for detailed information on the environmental performance of every Apple product.

Apple Trade In
Letting go of your old Mac is easy. If it's in good shape, you can trade it in for Apple Store credit. If it's not eligible for credit, we'll recycle it responsibly at no cost to you. Good for you. Good for the planet.

Learn more ›

Accessories

Mac Software

Final Cut Pro X

Logic Pro X

Displays and Adapters

LG UltraFine 4K Display

LG UltraFine 5K Display

Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter

USB-C to USB Adapter

USB-C to SD Card Reader

USB-C Digital AV Multiport Adapter

USB-C VGA Multiport Adapter

USB-C to Gigabit Ethernet Adapter

Other Accessories

USB-C to Lightning Cable

USB-C Charge Cable

61W USB-C Power Adapter

13-inch MacBook Pro Leather Sleeve

Blackmagic eGPU

Blackmagic eGPU Pro

Magic Keyboard

Magic Keyboard with Numeric Keypad

Magic Trackpad 2

Magic Mouse 2

AppleCare+ for Mac

Apple Trade In

Get up to $1400 for your current computer.*

Just trade in your eligible computer. It's good for you and the planet.

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MacBook Pro

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Or pick up available items at an Apple Store.

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Have a question? Call a Specialist or chat online. Call 1-800-MY-APPLE.

Contact us ›

We'll show you how to get the most out of your new Mac, online or in store.

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* Trade-in value based on 2018 MacBook Pro 13. Trade-in value will vary based on the condition, year, and configuration of your trade-in device. You must be at least 18 years old to be eligible to trade in for credit or for an Apple Store Gift Card. Not all devices are eligible for credit. More details are available from Apple's Mac trade-in partner and Apple's iPhone, iPad, and Apple Watch trade-in partner for trade-in and recycling of eligible devices. Restrictions and limitations may apply. Payments are based on the received device matching the description you provided when your estimate was made. Apple reserves the right to refuse or limit the quantity of any device for any reason. In the Apple Store: Offer only available on presentation of a valid, government-issued photo ID (local law may require saving this information). Value of your current device may be applied toward purchase of a new Apple device. Offer may not be available in all stores. Some stores may have additional requirements.

1. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.

2. Testing conducted by Apple in June 2019 using preproduction 1.4GHz quad-core Intel Core i5-based 13-inch MacBook Pro systems with 8GB of RAM and 256GB SSD. Testing conducted by Apple in April 2019 using preproduction 2.4GHz quad-core Intel Core i5-based 13-inch MacBook Pro systems with 8GB of RAM and 512GB SSD; and preproduction 2.3GHz 8-core Intel Core i9-based 15-inch MacBook Pro systems with 16GB of RAM and 512GB SSD. The wireless web test measures battery life by wirelessly browsing 25 popular websites with display brightness set to 12 clicks from bottom or 75%. The iTunes movie playback test measures battery life by playing back HD 1080p content with display brightness set to 12 clicks from bottom or 75%. The standby test measures battery life by allowing a system, connected to a wireless network and signed in to an iCloud account, to enter standby mode with Safari and Mail applications launched and all system settings left at default. Battery life varies by use and configuration. See www.apple.com/batteries for more information.

3. Weight varies by configuration and manufacturing process.

4. iMovie, GarageBand, Pages, Numbers, and Keynote are available on the Mac App Store. Downloading apps requires an Apple ID and a device that is compatible with the OS version required for each app.

5. PVC-free AC power cord available in all regions except India and South Korea.

6. MacBook Pro achieved a Gold rating from EPEAT in the U.S. and Canada.

 > Mac > MacBook Pro > Technical Specifications

Shop and Learn
Mac
iPad
iPhone
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TV
Music
AirPods
HomePod
iPod touch
Accessories
Gift Cards

Services
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Apple News+
Apple TV+
Apple Arcade
Apple Card
iCloud

Account
Manage Your Apple ID
Apple Store Account
iCloud.com

Apple Store
Find a Store
Genius Bar
Today at Apple
Apple Camp
Field Trip
Apple Store App
Refurbished and Clearance
Financing
Apple Trade In
Order Status
Shopping Help

For Business
Apple and Business
Shop for Business

For Education
Apple and Education
Shop for College

For Healthcare
Apple in Healthcare
Health on Apple Watch
Health Records on iPhone

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