

Finish



Silver

Space Gray

MacBook Pro 13"

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Price

\$1299

\$1499

Chip



Apple M2 chip

8-core CPU with 4 performance cores and 4 efficiency cores

10-core GPU

16-core Neural Engine

100GB/s memory bandwidth

Media engine

Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW

Video decode engine

Video encode engine

ProRes encode and decode engine

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

500 nits brightness

Wide color (P3)

True Tone technology

Battery and Power¹

Up to 20 hours Apple TV app movie playback

Up to 17 hours wireless web

58.2-watt-hour lithium-polymer battery

67W USB-C Power Adapter

Memory

8GB

8GB unified memory

Configurable to:

16GB or 24GB

Storage²**256GB**

256GB SSD

Configurable to:

512GB, 1TB, or 2TB

512GB

512GB SSD

Configurable to:

1TB or 2TB

Charging and Expansion

Two Thunderbolt / USB 4 ports with support for:

Charging

DisplayPort

Thunderbolt 3 (up to 40Gb/s)

USB 4 (up to 40Gb/s)

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



3.5 mm headphone jack

Thunderbolt / USB 4

Keyboard and Trackpad

Backlit Magic Keyboard with:

65 (U.S.) or 66 (ISO) keys including 4 arrow keys in an inverted-T arrangement

Touch Bar

Touch ID

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



Wireless

Wi-Fi
 Wi-Fi 6 (802.11ax)
 IEEE 802.11a/b/g/n/ac compatible

Bluetooth
 Bluetooth 5.0 wireless technology

Camera

720p FaceTime HD camera
 Advanced image signal processor with computational video

Audio

Stereo speakers with high dynamic range
 Wide stereo sound
 Support for Spatial Audio when playing music or video with Dolby Atmos on built-in speakers
 Spatial Audio with dynamic head tracking when using AirPods (3rd generation), AirPods Pro, and AirPods Max
 Studio-quality three-mic array with high signal-to-noise ratio and directional beamforming
 3.5 mm headphone jack with advanced support for high-impedance headphones

Display Support

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

- One external display with up to 6K resolution at 60Hz

Thunderbolt 3 digital video output
 Native DisplayPort output over USB-C
 VGA, HDMI, DVI, and Thunderbolt 2 output supported using adapters (sold separately)

Video Playback

Supported formats include HEVC, H.264, and ProRes
 HDR with Dolby Vision, HDR10, and HLG

Audio Playback

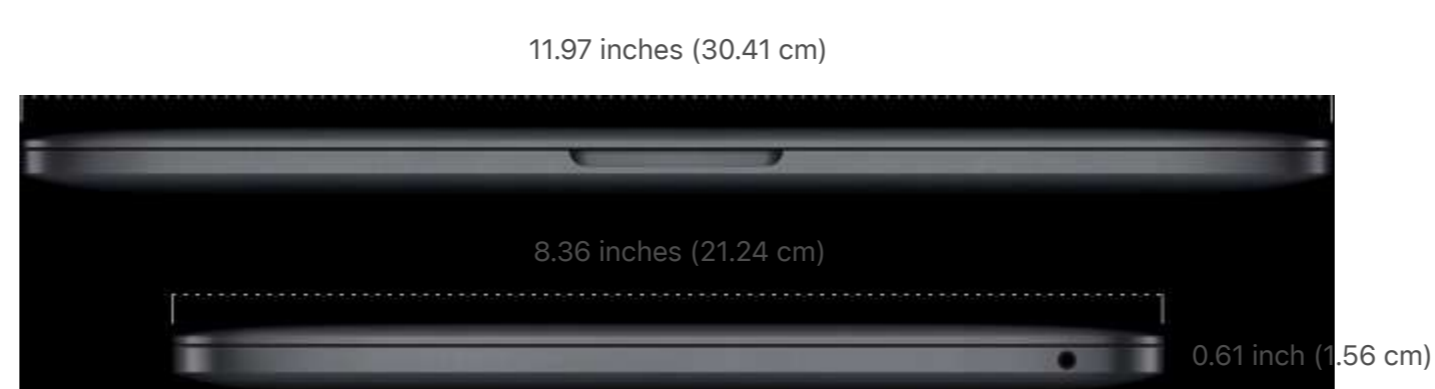
Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos

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: 0.61 inch (1.56 cm)
 Width: 11.97 inches (30.41 cm)
 Depth: 8.36 inches (21.24 cm)
 Weight: 3.0 pounds (1.4 kg)³



Operating System

macOS

macOS is the most advanced desktop operating system in the world. macOS Ventura makes the things you do most on Mac even better, so you can work smarter, play harder, and go further.

[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, mobility, and learning, you can create and do amazing things.

[Learn more >](#)

Features include:

Voice Control

VoiceOver

Zoom

Increase Contrast

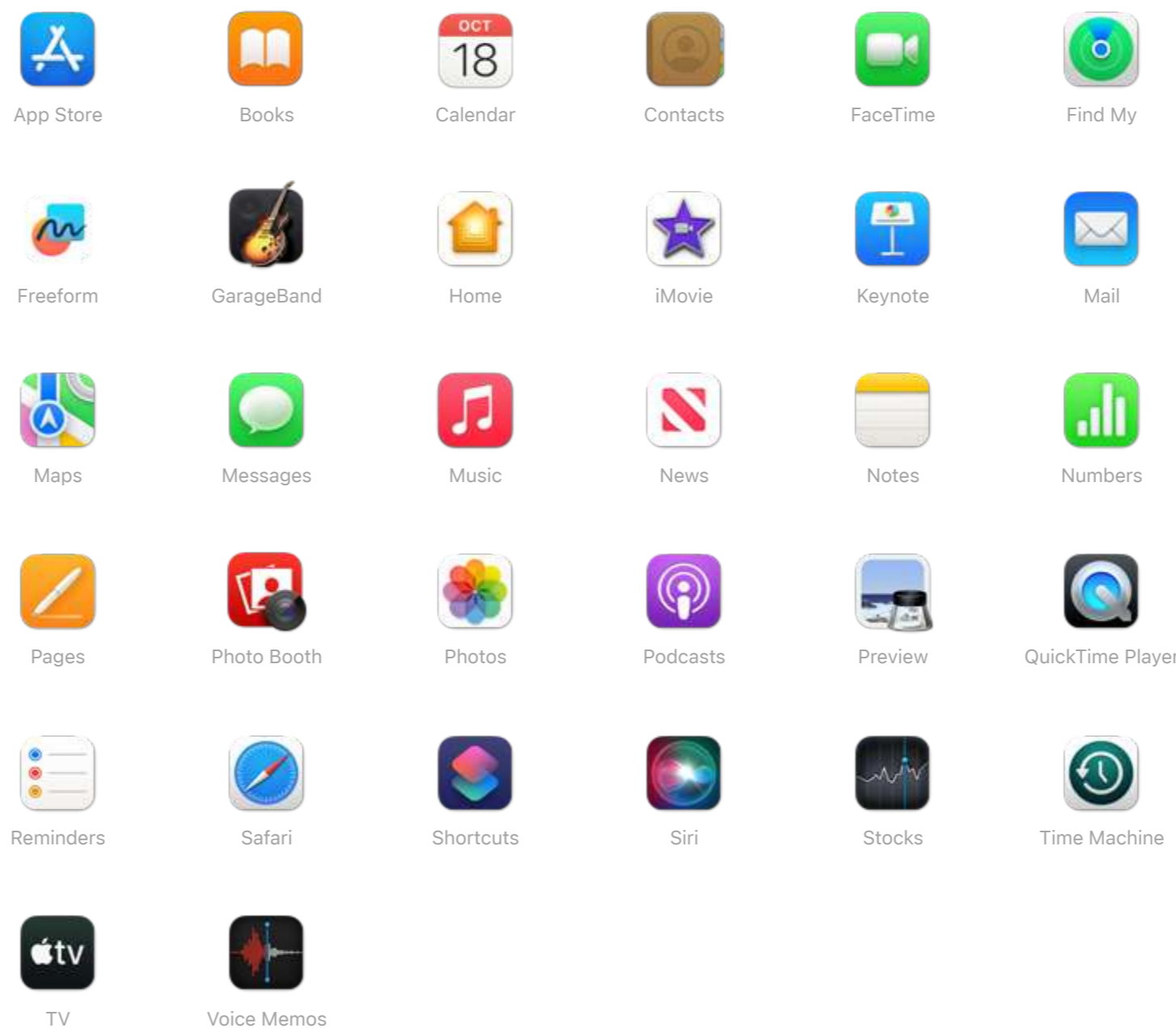
Reduce Motion

Siri and Dictation

Switch Control

Live Captions

Built-in Apps⁴



In the Box

13-inch MacBook Pro

67W 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 from your AppleCare+ purchase date and add unlimited repairs for accidental damage from handling, each subject to a service fee of \$99 for screen damage or external enclosure damage, or \$299 for other repairable accidental damage, plus applicable tax.

[Learn more >](#)

Configure to Order

Configure your MacBook Pro with these options at [apple.com](#):

16GB or 24GB unified memory

512GB, 1TB, or 2TB SSD

MacBook Pro and the Environment



The 13-inch MacBook Pro is designed with the following features to reduce its environmental impact:⁵

[See the 13-inch MacBook Pro Product Environmental Report >](#)

Made with better materials

100% recycled rare earth elements in the enclosure magnets, representing 46% of the rare earth elements in the device

100% recycled tin in the solder of the main logic board

Low-carbon aluminum in the enclosure

35% or more recycled plastic in multiple components

Apple Trade In

Trade in your eligible device for credit toward your next purchase, or get an Apple Gift Card you can use anytime.⁶ If your device isn't eligible for credit, we'll recycle it for free.

[See how it works >](#)

Apple and the Environment

We're committed to making our products without taking from the earth, and to become carbon neutral across our entire business, including products, by 2030.

[See Apple's commitment >](#)

Energy efficientENERGY STAR® certified⁶**Smarter chemistry⁷**

Arsenic-free display glass

Mercury-, BFR-, PVC-, and beryllium-free

Green manufacturing

Apple's Zero Waste Program helps suppliers eliminate waste sent to landfill

All final assembly supplier sites are transitioning to 100% renewable energy for Apple production

Responsible packaging

100% of virgin wood fiber comes from responsibly managed forests

90% or more fiber-based packaging

Accessories**Mac Software**[Final Cut Pro](#)[Logic Pro](#)**Displays and Adapters**[Studio Display](#)[Pro Display XDR](#)[LG UltraFine 4K 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](#)[Belkin USB-C to Gigabit Ethernet Adapter](#)**Other Accessories**[USB-C to Lightning Cable](#)[USB-C Charge Cable](#)[Magic Keyboard with Touch ID](#)[Magic Keyboard with Touch ID and Numeric Keypad](#)[Magic Keyboard](#)[Magic Keyboard with Numeric Keypad](#)[Magic Trackpad](#)[Magic Mouse](#)[AppleCare+ for Mac](#)

MacBook Pro

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1. Testing conducted by Apple in May 2022 using preproduction 13-inch MacBook Pro systems with Apple M2, 8-core CPU, 10-core GPU, 8GB of RAM, and 256GB SSD. The wireless web test measures battery life by wirelessly browsing 25 popular websites with display brightness set to 8 clicks from bottom. The Apple TV app movie playback test measures battery life by playing back HD 1080p content with display brightness set to 8 clicks from bottom. Battery life varies by use and configuration. See [apple.com/batteries](#) for more information.

2. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.

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. Data accurate as of product launch.

6. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

7. Apple defines its restrictions on harmful substances, including definitions for what Apple considers to be "free of," in the [Apple Regulated Substances Specification](#). Every Apple product is free of PVC and phthalates with the exception of AC power cords in India, Thailand (for two-prong AC power cords), and South Korea, where we continue to seek government approval for our PVC and phthalates replacement.

8. Trade-in values will vary based on the condition, year, and configuration of your eligible trade-in device. Not all devices are eligible for credit. You must be at least 18 years old to be eligible to trade in for credit or for an Apple Gift Card. Trade-in value may be applied toward qualifying new device purchase, or added to an Apple Gift Card. Actual value awarded is based on receipt of a qualifying device matching the description provided when estimate was made. Sales tax may be assessed on full value of a new device purchase. In-store trade-in requires presentation of a valid photo ID (local law may require saving this information). Offer may not be available in all stores, and may vary between in-store and online trade-in. Some stores may have additional requirements. Apple or its trade-in partners reserve the right to refuse or limit quantity of any trade-in transaction for any reason. More details are available from Apple's trade-in partner for trade-in and recycling of eligible devices. Restrictions and limitations may apply.

[†] Apple Card Monthly Installments (ACMI) is a 0% APR payment option that is only available if you select it at checkout in the U.S. for eligible Apple products purchased at Apple Store locations, [apple.com](#), the Apple Store app, or by calling 1-800-MY-APPLE, and is subject to credit approval and credit limit. See [support.apple.com/kb/HT211204](#) for more information about eligible products. APR ranges may vary based on when you accepted an Apple Card. Cardholders who accept an Apple Card on and/or after August 10, 2023: Variable APRs for Apple Card, other than ACMI, range from 19.24% to 29.49% based on creditworthiness. Rates as of August 10, 2023. Existing cardholders: See your Customer Agreement for applicable rates and fee. If you buy an ACMI eligible product by choosing to pay in full with Apple Card (instead of using ACMI), that purchase is subject to the Apple Card variable APR, not 0% APR. Taxes and shipping on ACMI purchases are subject to the variable APR, not 0% APR. You'll need to select AT&T, T-Mobile, or Verizon as your carrier when you check out. An iPhone purchased with ACMI is always unlocked, so you can switch carriers at any time. ACMI is not available for purchases made online at the following special stores: Apple Employee Purchase Plan; participating corporate Employee Purchase Programs; Apple at Work for small businesses; Government, and Veterans and Military Purchase Programs, or on refurbished devices. The last month's payment for each product will be the product's purchase price, less all other payments at the monthly payment amount. ACMI financing is subject to change at any time for any reason, including but not limited to, installment term lengths and eligible products. See [support.apple.com/kb/HT211204](#) for information about upcoming changes to ACMI financing. See the [Apple Card Customer Agreement](#) for more information about ACMI financing.

To access and use all the features of Apple Card, you must add Apple Card to Wallet on an iPhone or iPad with the latest version of iOS or iPadOS. Update to the latest version by going to Settings > General > Software Update. Tap Download and Install.

Available for qualifying applicants in the United States.

Apple Card is issued by Goldman Sachs Bank USA, Salt Lake City Branch.

If you reside in the U.S. territories, please call Goldman Sachs at 877-255-5923 with questions about Apple Card.

Mac	MacBook Pro	MacBook Pro 13-inch	Technical Specifications		
Shop and Learn	Account	Apple Store	For Business	Apple Values	
Store	Manage Your Apple ID	Find a Store	Apple and Business	Accessibility	
Mac	Apple Store Account	Genius Bar	Shop for Business	Education	

iPad	iCloud.com	Today at Apple	Environment
iPhone		Apple Camp	Inclusion and Diversity
Watch	Entertainment	Apple Store App	Privacy
Vision	Apple One	Certified Refurbished	Racial Equity and Justice
AirPods	Apple TV+	Apple Trade In	Supplier Responsibility
TV & Home	Apple Music	Financing	
AirTag	Apple Arcade	Carrier Deals at Apple	About Apple
Accessories	Apple Fitness+	Order Status	Newsroom
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