

Apple Macbook Pro 13" Silver M2 (MNEP3FN/A)

13-inch MacBook Pro: Apple M2 chip with 8-core CPU and 10-core GPU, 256GB SSD - Silver



The M2 chip makes the 13-inch MacBook Pro more capable than ever. The same compact design supports hours of battery life and an active cooling system to sustain enhanced performance. Featuring a brilliant Retina display, a FaceTime HD camera, and studio-quality mics, it's Apple's advanced portable pro laptop.

The M2 chip begins the next generation of Apple silicon, with even more of the speed and power efficiency introduced by M1. So you can rip through workflows with a more powerful 8-core CPU. Create stunning graphics with a lightning-fast 10-core GPU. Work with more streams of 4K and 8K ProRes video with the high-performance media engine.

Key Selling Points

- Thermal efficiency
- Faster memory, and more of it
- Performs well with others
- A portable editing bay
- MacBook Pro securely yours
- Superfast SSD storage
- Retina display, see the better picture
- Be seen, be heard
- Magic Keyboard, just your type
- Make connections, faster than ever

Product Features

Thermal efficiency

Active cooling sustains blazing-fast performance. Thanks to its advanced thermal system and the efficiency of Apple silicon, MacBook Pro can sustain pro levels of performance, so you can run CPU- and GPU-intensive tasks for hours on end.

Faster memory, and more of it

M2 has 100 GB per second of memory bandwidth - 50 percent more than M1.

Performs well with others

macOS and M2 work together to bring more speed and responsiveness to all your go-to apps - including Microsoft 365 and your favorite iOS apps. Over 10,000 apps and plug-ins are already optimized for Apple silicon. And Rosetta 2 seamlessly translates apps designed for Intel processors for use on your MacBook Pro.

A portable editing bay

The high-performance media engine on M2 supports ProRes encode and decode. So you can play and edit up to 11 streams of 4K ProRes video and up to 2 streams of 8K ProRes video. And convert projects to ProRes up to 3x faster than before.

MacBook Pro securely yours

The M2 chip and macOS give MacBook Pro security and privacy features beyond anything in its class. With built-in protections against malware and viruses, the freedom to choose what you share and how you share it, and silicon-level features like Touch ID and Apple Pay, it's built to safeguard your privacy and data at every stage.

Superfast SSD storage

Bring your photos, movies, music, and documents with you - and open them in a flash.

Retina display, see the better picture

With the brilliant Retina display, images take on an incredible level of detail and realism. Text is sharp and clear. Bright LED backlighting delivers deep blacks and bright whites. P3 wide color brings even more vibrant greens and reds than sRGB. And MacBook Pro features True Tone technology, so the white balance automatically adjusts to match the color temperature of the light around you - for a more natural viewing experience.

Be seen, be heard

Thanks to M2, the FaceTime HD camera takes full advantage of Apple's advanced image signal processor - so you'll look great in video calls. And whether you're running a meeting, hosting a podcast, or connecting with friends and family, the studio-quality mics will make sure everyone hears you loud and clear.

Magic Keyboard, just your type

Magic Keyboard delivers a comfortable, quiet, and responsive typing experience. The Touch Bar puts the commands you need most right where you need them, saving time and keystrokes. And Touch ID provides fast, easy authentication for secure logins and purchases.

Make connections, faster than ever

Ultra-high bandwidth, meets ultra-versatility. Thunderbolt enables data transfer, charging, and video output all through a single port - and MacBook Pro has two of them. Wi-Fi 6 keeps MacBook Pro going strong as more and more devices join the network. And the headphone jack even supports high-impedance headphones.

Main Specifications

Product Description	Apple MacBook Pro - 13.3"- M2 - 8 GB RAM - 256 GB SSD - French
Product Type	Notebook
Operating System	macOS Monterey 12.0
Processor	Apple M2
Memory	8 GB (unified memory)
Storage	256 GB SSD
Display	13.3"LED backlight 2560 x 1600 / WQXGA - 227 ppi
Graphics	Apple M2 10-core
Input Device	Force Touch trackpad, Touch Bar
Keyboard	French
Keyboard Backlight	Yes
Integrated Webcam	Yes
Networking	Bluetooth 5.0, 802.11a/b/g/n/ac/ax
Battery	Up to 20 hour(s)
Features	Ambient light sensor
Security	Fingerprint reader
Colour	Silver
Dimensions (WxDxH)	30.41 cm x 21.24 cm x 1.56 cm
Weight	1.4 kg
Localisation	Language: French / region: Belgium, Luxembourg, France
Environmental Standards	ENERGY STAR Qualified
SAR	0.89 W/kg (body), 0.89 W/kg (limb)
Manufacturer Warranty	Limited warranty - 1 year Technical support - phone consulting - 90 days

Extended Specification

General

Product Type	Notebook
Operating System	Apple macOS Monterey 12.0

Processor / Chipset

CPU	Apple M2
Number of Cores	8-core
Features	16-core Neural Engine

Memory

RAM	8 GB (unified memory)
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Storage

Main Storage	256 GB SSD soldered
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Display

Type	13.3" - IPS
LCD Backlight Technology	LED backlight
Resolution	2560 x 1600 (WQXGA)
Widescreen	Yes
Pixel Density (ppi)	227
Image Brightness	500 cd/m ²
Features	BFR/PVC-free,Mercury free,beryllium free,arsenic free,Retina display,P3 Wide Color Gamut,True Tone technology
Keyboard Name	Magic Keyboard

Audio & Video

Graphics Processor	Apple M2 10-core
Video System Features	Hardware-accelerated H.264,HEVC,ProRes and ProRes RAW,video decode engine,ProRes encode and decode engine,video encode engine
Camera	Yes - 720p
Camera Features	FaceTime HD camera,advanced image signal processor (ISP)
Sound	Stereo speakers,3-microphone array
Compliant Standards	Dolby Atmos

Input

Type	Keyboard,Force Touch trackpad,Touch Bar
Keyboard Backlight	Yes
Keyboard Layout	French
Features	Pressure sensitivity,multi-touch touchpad,Multi-Touch Gesture Recognition,ambient light sensor,force click,Touch ID sensor,scissor mechanism

Communications

Wireless	Bluetooth 5.0,802.11a/b/g/n/ac/ax
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Battery

Technology	Lithium polymer
Capacity	58.2 Wh
Run Time	Up to 20 hour(s)
Battery Run Time	Video playback:up to 20 hours Web browsing over Wi-Fi:up to 17 hours

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	67 Watt

Connections & Expansion

Interfaces	2 x USB4/Thunderbolt 3/DisplayPort (charging) Headphone output
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Software

Software Included	Apple QuickTime,Apple iMovie,Apple Safari,Apple GarageBand,Photo Booth,Apple Time Machine,Apple FaceTime,Apple Preview,Mail,Maps,Photos,Reminders,App Store,Music,Contacts,Stocks,Notes,Calendar,Siri,Messages,Dictation,Apple iBooks,Apple Keynote,Apple Pages,Apple Numbers,News,Voice Memos,Podcasts,Home,Apple TV,Find My,Apple Shortcuts
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Miscellaneous

Colour	Silver
Case Material	Low-carbon aluminium
Integrated Options	Ambient light sensor
Security	Fingerprint reader
Features	VoiceOver screen reader,Voice Control,Closed Captions,100 GB/s memory bandwidth
Included Accessories	USB-C power adapter
Cables Included	USB-C charge cable
SAR Value	0.89 W/kg (body),0.89 W/kg (limb)
Localization	Language:French / region:Belgium,Luxembourg,France

Dimensions &Weight

Dimensions (WxDxH)	30.41 cm x 21.24 cm x 1.56 cm
Weight	1.4 kg

Environmental Standards

ENERGY STAR Certified	Yes
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Manufacturer Warranty

Service &Support	Limited warranty - 1 year Technical support - phone consulting - 90 days
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Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	0 - 90% (non-condensing)

What's in the box

Apple MacBook Pro
USB-C charge cable
USB-C power adapter

*TD SYNEX is not responsible for errors in the documentation of products.