Apple MacBook Pro 14-inch : M6 chip with 12-core CPU and 12-core GPU, 24GB, 1TB SSD - Silver

Brand : Apple **Product family:** MacBook Pro **Product code:** MHWX4B/A

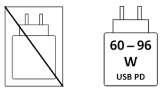
Product name : 14-inch MacBook Pro: Apple M6 chip with 12-core CPU and 12-core GPU, 24GB, 1TB SSD - Silver



14.2" MacBook Pro, Liquid Retina XDR, 3024 x 1964px, Apple M6 chip 12-core CPU, 12-core GPU, 24GB unified memory, 1TB SSD, SDXC, HDMI, 3.5 mm, MagSafe 3, 3 x Thunderbolt 4, Wi-Fi 7, Bluetooth 6, macOS

Apple MacBook Pro 14-inch : M6 chip with 12-core CPU and 12-core GPU, 24GB, 1TB SSD - Silver. Product type: Laptop, Form factor: Clamshell. Processor family: Apple M, Processor model: M6. Display diagonal: 36.1 cm (14.2"), Display resolution: 3024 x 1964 pixels. Internal memory: 24 GB. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Apple GPU. Operating system installed: macOS Golden Gate. Product colour: Silver. Weight: 1.55 kg





Design	
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Housing material	Aluminium
Introduction year	2026
Introduction month	October

Display	
Display diagonal *	36.1 cm (14.2")
Display resolution *	3024 x 1964 pixels
Touchscreen *	✗
Display technology marketing name	Liquid Retina XDR
Display number of colours	1.073 billion colours
Display glass type	Standard glass
Display brightness	1000 cd/m²
Maximum display brightness (HDR)	1600 cd/m²
Standard Dynamic Range (SDR) brightness	1000 cd/m²
Pixel density	254 ppi
True Tone technology	✓
Maximum refresh rate	120 Hz
Contrast ratio (typical)	1000000:1
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG), Extreme Dynamic Range (XDR)
ProMotion technology	✓

Camera	
Front camera resolution (numeric)	12 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Smart framing	Center Stage

Network	
Mobile network generation	Not supported
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✗
Ethernet LAN	✗
Bluetooth	✓
Bluetooth version	6.0
Bluetooth Low Energy (BLE)	✓
Wireless networking chip	Apple N1
Thread networking technology	✓

Ports & interfaces	
HDMI ports quantity *	1
Thunderbolt 4 ports quantity	3
Intel® Thunderbolt 4	✓
Headphone outputs	1
Docking connector	✓
Charging port type	MagSafe 3
Headphone connectivity	3.5 mm
USB Type-C DisplayPort Alternate Mode	✓

Performance	
Ambient light sensor	✓

Display	
Number of external displays supported	2

Processor	
Processor manufacturer *	Apple
Processor family *	Apple M
Processor generation	Apple M 6th Gen
Processor model *	M6
Processor cores	12
Performance cores	6
Efficient cores	6

Neural processor unit (NPU)	
Number of neural processor units (NPUs)	2
Neural processor unit (NPU)	Apple Neural Engine (ANE)
Neural processor unit (NPU) cores	16

Memory	
Internal memory *	24 GB
Memory form factor	On-board

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
Intel® Optane™ Memory module installed	✗
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	SDXC

Graphics	
On-board graphics card *	✓
On-board GPU manufacturer	Apple
Discrete graphics card *	✗
On-board graphics card family	Apple
On-board graphics card model *	Apple GPU
On-board graphics card cores	12
On-board graphics card 4K support	✓
On-board graphics card 6K support	✓
On-board graphics card 8K support	✓
Ray tracing acceleration	✓
Memory bandwidth (max)	170 GB/s

Audio	
Spatial audio	✓
Number of built-in speakers	6
Built-in microphone	✓
Number of microphones	3
Audio formats supported	AAC, MP3, FLAC
Dolby technologies	Dolby Digital, Dolby Digital Plus, Dolby Atmos
Microphone modes	Voice Isolation, Wide Spectrum

Camera	
Front camera	✓

Performance	
Voice control	✓

Keyboard	
Pointing device	Trackpad
Numeric keypad *	✗
Keyboard backlit	✓
Pressure sensing trackpad	✓

Software	
Apple Intelligence	✓
Pre-installed software	App Store; Books; Calendar; Contacts; FaceTime; Find My; Freeform; Games; GarageBand; Home; iMovie; iPhone Mirroring; Journal; Keynote; Mail; Maps; Messages; Music; News; Notes; Numbers; Pages; Passwords; Phone; Photo Booth; Photos; Podcasts; Preview; QuickTime Player; Reminders; Safari; Shortcuts; Stocks; Time Machine; Tips; TV; Voice Memos; Weather
Operating system installed *	macOS Golden Gate

Processor special features	
Video decode engine	✓
Video encode engine	✓

Brand-specific features	
Brand specific technologies	Wide color (P3)
Accessibility features	VoiceOver, Zoom, Voice Control, Switch Control, Closed Captions, Live Captions, Accessibility Reader, Personal Voice, Live Speech, Motion & display and text settings

Battery	
Battery technology	Lithium Polymer (LiPo)
Battery capacity *	72.4 Wh
Browsing time (Wi-Fi) (max)	16 h
Continuous video playback time (streamed) (max)	24 h
Fast charging	✓

Power	
USB Type-C charging port *	✓
USB Type-C required charging power (min) *	60 W
USB Type-C required charging power (max) *	96 W
USB Power Delivery (USB PD)	✓

Security	
Fingerprint reader	✓

Operational conditions	
Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-25 - 45 °C
Operating relative humidity (H-H)	0 - 90%
Operating altitude	0 - 3000 m
Non-operating altitude	0 - 4572 m
Maximum shipping altitude	10668 m

Sustainability	
Sustainability certificates	ENERGY STAR

Weight & dimensions	
Width	312.6 mm

Weight & dimensions	
Depth	221.2 mm
Height	15.5 mm
Weight *	1.55 kg
Packaging data	
Package width	61.2 mm
Package depth	356.8 mm
Package height	263.8 mm
Package weight	2.34 kg
Video	
Video formats supported	H.264, HEVC, ProRes, ProRes RAW, AV1
Packaging content	
AC adapter included *	✕
Cables included	USB Type-C to MagSafe 3
Other features	
Warranty period	1 year(s)



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Publication date: 06-NOV-2026. Prints or copies of Information are only valid on the printed Publication date