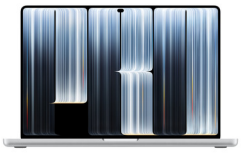
Apple MacBook Pro 16-inch with PROLED XDR display: M5 Pro chip with 18-core CPU and 20-core GPU, 24GB, 1TB SSD - Silver



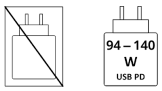
Brand : Apple **Product family:** MacBook Pro **Product code:** MJ2W4KS/A

Product name : 16-inch MacBook Pro with PROLED XDR display: Apple M5 Pro chip with 18-core CPU and 20-core GPU, 24GB, 1TB SSD - Silver

- PROLED XDR. The world’s best laptop display. With true-to-life colour and unparalleled brightness and contrast
- Touch. A new dimension for pro workflows
- M5 Pro and M5 Max chips. Superfast for demanding tasks
- A powerful platform for AI. Smart to the core
- Up to 24 hours of battery life. Work, create and play from anywhere
- Dynamic Island. See your activities, alerts and notifications at a glance

16.3" MacBook Pro PROLED XDR Display, 3472x2266px, Apple M5 Pro chip 18-core CPU and 20-core GPU, 24GB unified memory, 1TB SSD, SDXC, HDMI, 3.5 mm, MagSafe 3, 3 x Thunderbolt 5, Wi-Fi 7, Bluetooth 6, macOS





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

Display	
Display diagonal *	41.4 cm (16.3")
Display resolution *	3472 x 2266 pixels
Touchscreen *	✓
Panel type	OLED
Display technology marketing name	PROLED XDR
Display number of colours	1.073 billion colours
Anti-reflective coating	✓
Oleophobic coating	✓
Fingerprint resistant	✓
Display glass type	Standard glass
Display brightness	1000 cd/m²
Maximum display brightness (HDR)	2000 cd/m²
Standard Dynamic Range (SDR) brightness	1000 cd/m²
Pixel density	254 ppi
RGB colour space	Adobe RGB
True Tone technology	✓
Maximum refresh rate	120 Hz
Contrast ratio (typical)	10000000:1

Audio	
Number of microphones	3
Audio beamforming	✓
Microphone modes	Voice Isolation, Wide Spectrum

Camera	
Front 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 5 ports quantity	3
Intel® Thunderbolt 5	✓
Headphone outputs	1
Docking connector	✓

Display	
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	✔
Number of external displays supported	3
Display reference modes	Apple XDR Display (P3-2000 nits) Apple XDR Display (P3 + Adobe RGB-2000 nits) HDR Video (P3-ST 2084) HDTV Video (BT.709-BT.1886) NTSC Video (BT.601 SMPTE-C) PAL and SECAM Video (BT.601 EBU) Digital Cinema (P3-DCI) Digital Cinema (P3-D65) Design and Print (P3-D50) Design and Print (Adobe RGB-D50) Photography (P3-D65) Photography (Adobe RGB-D65) HDR Photography (P3-D65) Internet and Web (sRGB) Medical Imaging (DICOM-350 nits) Medical Imaging (DICOM-600 nits)

Processor	
Processor manufacturer *	Apple
Processor family *	Apple M
Processor generation	Apple M 5th Gen
Processor model *	M5 Pro
Processor cores	18
Performance cores	18

Neural processor unit (NPU)	
Number of neural processor units (NPUs)	1
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	20
On-board graphics card 4K support	✔
On-board graphics card 6K support	✔
On-board graphics card 8K support	✔
Ray tracing acceleration	✔

Ports & interfaces	
Charging port type	MagSafe 3
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Ambient light sensor	✔
Voice control	✔

Keyboard	
Pointing device	Trackpad
Numeric keypad *	✘
Keyboard backlit	✔
Pressure sensing trackpad	✔

Software	
Apple Intelligence	✔
Virtual assistant	Apple Siri
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, AssistiveTouch, Touch Accommodations, Personal Voice and Live Speech

Battery	
Battery technology	Lithium Polymer (LiPo)
Battery capacity *	100 Wh
Browsing time (Wi-Fi) (max)	17 h
Continuous video playback time (streamed) (max)	24 h
Fast charging	✔

Power	
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	94 W
USB Type-C required charging power (max) *	140 W
USB Power Delivery (USB PD)	✔

Security	
Fingerprint reader	✔

Operational conditions	
Operating temperature (T-T)	10 - 35 °C

Graphics	
Memory bandwidth (max)	307 GB/s

Audio	
Spatial audio	✔
Wide stereo sound	✔
Number of built-in speakers	6
Built-in microphone	✔

Operational conditions	
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	355.5 mm
Depth	244.2 mm
Height	16 mm
Weight *	1.82 kg

Packaging data	
Package width	655 mm
Package depth	398 mm
Package height	385.8 mm
Package weight	2.69 kg

Video	
Video formats supported	H.264, HEVC, ProRes, ProRes RAW, AV1
Genlock	✔

Packaging content	
AC adapter included *	✘
Cables included	USB Type-C to MagSafe 3

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 03-NOV-2026. Prints or copies of Information are only valid on the printed Publication date