ComX Computers
Product Specification Sheet

MJ2X4ZE/A

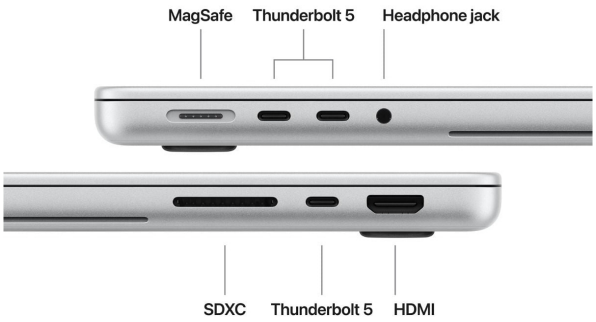
Apple MacBook Pro 16 OLED M5 Notebook Apple M5 Max 18 core 36GB 2TB 16.3" 3472x2266 32-core GPU BT macOS

Product Overview

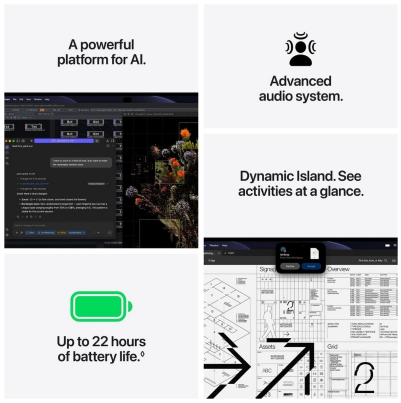
Apple MacBook Pro 16 OLED M5 MJ2X4ZE/A Silver Notebook, Apple M5 Max chip 18-core CPU with 6 super cores cores & 12 performance cores & 32-core GPU & 16-core Neural Engine, 36GB unified memory, Supports 36GB Max Mem, No memory slots, 2TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 16.3" PROLED XDR (3472 x 2266 resolution) Glossy Type 1000 nits Tandem OLED Backlit Display, 32-core GPU onboard, 16-core Neural Engine, Wi-Fi 7, Bluetooth, Webcam, Backlit Keyboard, 3x Thunderbolt (USB-C) ports (Charging / DisplayPort / Thunderbolt 4&5/ USB 4.0), HDMI output, SDXC card slot, Ambient Light Sensor, 2.2 kg, macOS , 1 Year Carry in warranty











Specifications

Summary Overview:

Upgrade your workflow with the powerful new Apple MacBook Pro 16 OLED featuring the M5 Max chip, designed to handle the most demanding creative tasks in South Africa. This premium notebook combines a stunning PROLED XDR display with 36GB of unified memory and a massive 2TB SSD for seamless performance. Whether you are editing high-resolution video, designing complex graphics, or developing software, this machine delivers exceptional speed and reliability.

Experience the future of computing with Wi-Fi 7 connectivity and all-day battery life that keeps you productive anywhere. The sleek silver finish and robust build quality make it a standout choice for professionals who value both style and substance. Don't wait to transform your digital experience; buy now and unlock your full creative potential with this top-tier laptop.

Laptop performance tier: High-End Professional

Uses: Video editing, 3D rendering, software development, graphic design, scientific research, AI processing

Overview:

Apple MacBook Pro 16 OLED M5 MJ2X4ZE/A Silver Notebook

The Apple MacBook Pro with the PROLED XDR display redefines what a portable workstation can be, delivering spectacular brightness, contrast, and color accuracy that sets a new standard for professional workflows. Powered by the revolutionary Apple M5 Max chip, this machine combines superfast processing with powerful AI capabilities to handle the most demanding creative tasks without compromise. The 16.3-inch tandem OLED panel offers an immersive viewing experience with extreme dynamic range, while Touch ID integration and macOS ensure seamless interaction. Designed for creators who need reliability and performance, this Silver Notebook provides up to 24 hours of battery life, ensuring you can work, create, or play all day long without interruption.

Description

The Apple MacBook Pro MJ2X4ZE/A is engineered for professionals who demand the absolute best in display technology and computing power. It features a groundbreaking PROLED XDR panel with up to 2000 nits peak brightness, making it ideal for HDR content creation and outdoor use. The system is driven by the M5 Max chip, boasting an 18-core CPU and a massive 32-core GPU that accelerates complex graphics and AI tasks instantly. With 36GB of unified memory and 2TB SSD storage, users have ample space and speed for large projects. The inclusion of Wi-Fi 7 connectivity and advanced security features ensures you stay connected and protected wherever you go.

Features:

Why Professionals Choose This Model

This laptop is built to handle the most intensive workflows with ease, from 3D rendering and video editing to scientific research. The M5 Max chip includes a Neural Engine that speeds up AI tasks, while the GPU features enhanced shader cores for

superior graphics performance. The display supports P3 and Adobe RGB color gamuts, ensuring color accuracy for design work. Users can enjoy Dynamic Island for quick access to Live Activities and Spotlight search, keeping essential tools at their fingertips without cluttering the interface.

- Apple M5 Max chip with 18-core CPU (6 super cores & 12 performance cores)
- 32-core GPU onboard with advanced shader cores
- 16-core Neural Engine for accelerated AI processing
- 36GB unified memory supporting up to 36GB max
- 2TB SSD storage for rapid file access and loading times
- PROLED XDR display with 10,000,000:1 contrast ratio
- Wi-Fi 7 and Bluetooth 6 connectivity via Apple N1 chip
- Six-speaker sound system with force-cancelling woofers

Display and Visual Experience

The centerpiece of this machine is the 16.3-inch PROLED XDR display, which utilizes a tandem OLED panel to achieve unprecedented brightness levels. It sustains up to 1000 nits for full-screen content and reaches 2000 nits peak for HDR scenes and outdoor visibility. The screen offers a native resolution of 3472 by 2266 pixels at 254 pixels per inch, delivering incredibly sharp text and imagery. ProMotion technology allows adaptive refresh rates from 10Hz to 120Hz for smooth scrolling and fluid animation, while supporting fixed rates for compatibility with various media standards.

- 16.3-inch diagonal tandem OLED display
- XDR (Extreme Dynamic Range) capability
- P3 and Adobe RGB wide color gamuts
- True Tone technology for natural viewing angles
- Antireflective coating with fingerprint-resistant oleophobic surface
- Multi-Touch gesture support including pinch to zoom and draw

Connectivity and Expansion

Keeping your workflow connected is effortless thanks to a comprehensive array of ports. The device includes three Thunderbolt 5 (USB-C) ports that support charging, DisplayPort output, and high-speed data transfer rates up to 120Gb/s. Additional connectivity options include an SDXC card slot for photographers, an HDMI port for external displays or TVs, and a 3.5 mm headphone jack for audio peripherals. The MagSafe 3 port ensures safe and efficient charging via the included USB-C cable.

- Three Thunderbolt 5 (USB-C) ports with support for up to four external displays
- HDMI output supporting multichannel audio
- SDXC card slot for direct media transfer
- MagSafe 3 charging port
- 3.5 mm headphone jack with high-impedance support

Audio and Camera Systems

Communication and entertainment are enhanced by a sophisticated audio system that includes six speakers with force-cancelling woofers, delivering deep bass and clear highs. The device supports Spatial Audio with dynamic head tracking for an immersive experience when using compatible headphones. For video calls, the 12MP Center Stage camera automatically frames you perfectly during movement, while the studio-quality three-mic array ensures your voice is heard clearly even in noisy environments.

- 12MP Center Stage camera with Desk View support
- Advanced image signal processor for computational video
- Six-speaker sound system with wide stereo sound
- Studio-quality three-mic array with Voice Isolation mode
- Support for Dolby Atmos and Spatial Audio playback

Performance and Battery Life

The Apple M5 Max chip ensures that demanding applications run lightning fast, whether you are editing 8K video or training

large language models on-device. The system is optimized for power efficiency, offering up to 24 hours of battery life for tasks like video streaming. A 100-watt-hour lithium-polymer battery powers the device, capable of fast charging with a 140W or higher USB PD power source to get you back to work quickly.

- Up to 22 hours of video streaming on a single charge
- Up to 16 hours of wireless web browsing
- Fast-charge capable with 140W USB PD power adapter
- Minimum recommended charger wattage is 94W

Key Specifications Summary

This model, identified by the part number MJ2X4ZE/A, represents the pinnacle of portable computing technology. It combines a robust processor with a stunning display and long-lasting battery to create a versatile tool for any professional environment.

- Model: Apple M5 Max chip
- Memory: 36GB unified memory (no upgrade slots)
- Storage: 2TB SSD Solid State Hard Drive
- Operating System: macOS with built-in security and privacy features
- Dimensions: 355.5 mm width, 244.2 mm depth, 16.0 mm height
- Weight: Approximately 1.84 kg to 2.2 kg depending on configuration

What's in the box

Purchasing this MacBook Pro ensures you have everything needed to start working immediately. The package includes the main unit and a high-quality cable for charging.

- 16-inch MacBook Pro with PROLED XDR Display
- USB-C to MagSafe 3 Cable (2 m)

Specifications:

Display glass	Standard Glass
In The Box	16-inch MacBook Pro with PROLED XDR Display
	USB-C to MagSafe 3 Cable (2 m)
Brand	Apple
Year released	2026
SKU	MJ2X4ZE/A
Screen size	16-inch
Storage	2TB SSD
Model	Apple M5 Max
Memory	36GB unified memory
Processor	Apple M5 Max chip. 18-core CPU with 6 super cores and 12 performance cores 32-core GPU Neural Accelerators Hardware-accelerated ray tracing 16-core Neural Engine 460GB/s memory bandwidth

Display	PROLED XDR display
	16.3-inch (diagonal) tandem OLED display , 3472-by-2266 native resolution at 254 pixels per inch
	XDR (Extreme Dynamic Range)
	10,000,000:1 contrast ratio
	XDR brightness: up to 1000 nits sustained full-screen, 2000 nits peak (HDR content only)
	SDR brightness: up to 1000 nits sustained full-screen, 2000 nits peak (outdoor)
	1 nit minimum brightness
	Color
	1 billion colors
	P3 + Adobe RGB wide color gamuts
	True Tone technology
	Refresh rates
	ProMotion technology with adaptive refresh rates from 10Hz to 120Hz
	Fixed refresh rates: 47.95Hz, 48.00Hz, 50.00Hz, 59.94Hz, 60.00Hz
	Touch
	Multi-Touch gesture support
	Dynamic Island
	Display glass
	Antireflective coating
	Fingerprint-resistant oleophobic coating
Connection and Ports	SDXC card slot
	HDMI port
	3.5 mm headphone jack
	MagSafe 3 port
	Three Thunderbolt 5 (USB-C) ports with support for:
	Charging
	DisplayPort
	Thunderbolt 5 (up to 120Gb/s)
	USB 4 (up to 120Gb/s)
	Genlock5

Camera and Video Support	Camera
	12MP Center Stage camera with support for Desk View
	1080p HD video recording
	Advanced image signal processor with computational video
	Advanced video stabilization
	Video Playback
	Supported formats include HEVC, H.264, AV1, and ProRes
	HDR with Dolby Vision, HDR10+/HDR10, and HLG
Audio	High-fidelity six-speaker sound system with force-cancelling woofers
	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 supported models of AirPods, AirPods Pro, and AirPods Max
	Studio-quality three-mic array with high signal-to-noise ratio and directional beamforming
	Voice Isolation and Wide Spectrum microphone modes for enhanced voice clarity in audio and video calls
	3.5 mm headphone jack with advanced support for high-impedance headphones
	HDMI port supports multichannel audio output
	Audio Playback
	Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos
Power and Battery	Up to 22 hours video streaming
	Up to 16 hours wireless web
	100-watt-hour lithium-polymer battery
	Supports charging via a USB-C power adapter or other USB PD power source
	Minimum wattage recommended to charge the device: 94W
	Fast-charge capable with 140W or higher USB PD power source
Keyboard and Trackpad	Backlit Magic Keyboard with:
	78 (ANSI) or 79 (ISO) keys including 12 full-height function keys
	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
Size and Weight	Height: 16.0 mm
	Width: 355.5 mm
	Depth: 244.2 mm
	Weight 1.84 kg

Wireless	Apple N1 wireless networking chip
	Wi-Fi 7 (802.11be)
	Bluetooth 6
	Thread networking technology
Accessibility	Accessibility features help people with disabilities get the most out of their new MacBook Pro with PROLED XDR Display. With built-in support for vision, hearing, mobility, and learning, you can create and do amazing things.
	Features include:
	VoiceOver
	Zoom
	Motion, display, and text settings
	Accessibility Reader
	Voice Control
	Switch Control
	AssistiveTouch
	Touch Accommodations
	Closed Captions
	Live Captions
	Personal Voice and Live Speech

FAQ

Does this MacBook Pro have expandable memory or storage?

No, the 36GB unified memory is soldered onto the M5 Max chip with no memory slots for upgrades. Similarly, while it comes with a 2TB SSD, there are no internal upgrade options available.

What display features does this model offer?

This notebook features a 16.3-inch PROLED XDR tandem OLED panel with up to 2000 nits peak brightness for HDR content and a 10,000,000:1 contrast ratio. It supports Multi-Touch gestures, Dynamic Island, and ProMotion technology with adaptive refresh rates from 10Hz to 120Hz.

What types of connectivity ports are included?

The device includes three Thunderbolt (USB-C) ports supporting charging, DisplayPort, and data speeds up to 120Gb/s. It also features a MagSafe 3 port, HDMI output, SDXC card slot, and a 3.5mm headphone jack.

Can I use external displays with this laptop?

Yes, depending on the configuration, the M5 Max chip supports up to four external displays, while the M5 Pro variant supports up to three.

How long does the battery last and what are the charging requirements?

The 100-watt-hour lithium-polymer battery offers up to 22 hours of video streaming or 16 hours of wireless web use. It charges via USB-C power adapter or MagSafe 3, requiring at least a 94W source, with fast-charge capability for 140W or higher adapters.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/Buy-Notebooks-Laptops-MJ2X4ZE-A-Apple-MacBook-Pro-16-OLED-M5-Notebook-Apple-M5-Max-lp-342006.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-13 08:32:12.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.