**ComX Computers**
Product Specification Sheet

# MJ2M4ZE/A

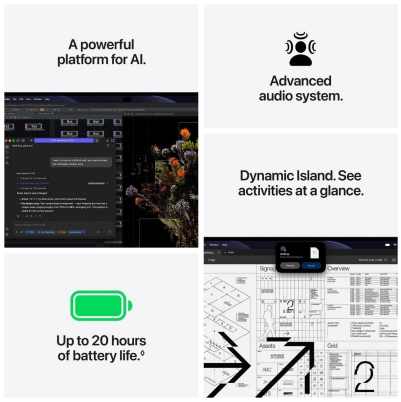
Apple MacBook Pro 14 OLED M5 Notebook Apple M5 Max 18 core 36GB 2TB 14.2" 3024x1986 32-core GPU BT macOS

## Product Overview

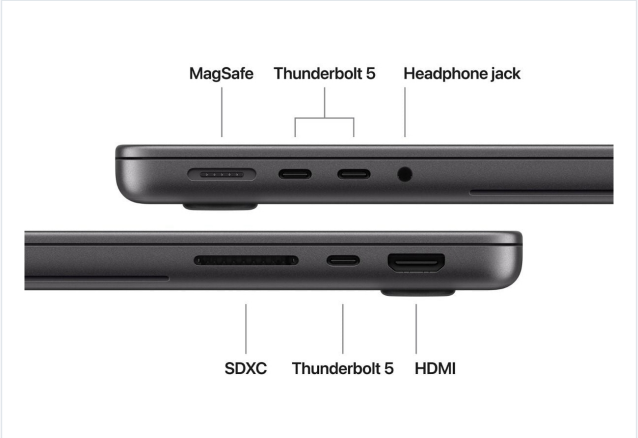
**Apple MacBook Pro 14 OLED M5 MJ2M4ZE/A Space Black Notebook, Apple M5 Max chip 18-core CPU with 6 super cores cores & 12 performance cores & 32-core GPU & 16-core Neural Engine, 36GB unified memory, Supports 36GB Max Mem, No memory slots, 2TB SSD Solid State Hard Drive PCIe, NO optical drive ( No CD), 14.2" PROLED XDR (3024 x 1986 resolution) Glossy Type 1000 nits OLED Backlit Display, 32-core GPU onboard, 16-core Neural Engine, 802.11ax Wi-Fi 6, 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, 1.6 kg, macOS , 1 Year Carry in warranty**










## Specifications

**Summary Overview:**

Upgrade your workflow with the stunning Apple MacBook Pro 14 in Space Black, featuring the revolutionary M5 Max chip and a brilliant PROLED XDR display. This premium notebook delivers exceptional performance for demanding creative tasks, ensuring seamless editing and design work anywhere you go.

Experience true color accuracy and deep contrast with the 14.2-inch OLED screen, making it the perfect choice for professionals in South Africa who demand excellence. With up to 36GB of unified memory and a lightning-fast 2TB SSD, you have the power to handle massive files effortlessly.

Secure your future productivity today by buying this high-performance laptop now. Don't miss out on the chance to own one of the world's most advanced notebooks designed for pro workflows.

**Laptop performance tier:**Ultra-Performance

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

**Overview:**

**Description**

The Apple MacBook Pro 14-inch (Part Number MJ2M4ZE/A) in Space Black represents the pinnacle of portable computing, powered by the revolutionary M5 Max chip. This notebook combines a stunning PROLED XDR display with industry-leading performance to create an ideal tool for creative professionals and power users. Featuring a 36GB unified memory configuration and a spacious 2TB SSD, it ensures smooth multitasking and rapid file access. The device integrates advanced AI capabilities through its 16-core Neural Engine, making it perfectly suited for demanding workflows in video editing, 3D rendering, and machine learning tasks.

**Features:**

**Why Choose This MacBook Pro**

This model delivers a visual experience that sets a new standard with its 14.2-inch PROLED XDR display. The tandem OLED panel offers an incredible contrast ratio of 10,000,000:1 and supports up to 2,000 nits peak brightness for HDR content, ensuring vivid colors and deep blacks whether you are outdoors or in a dim studio. The screen features ProMotion technology with adaptive refresh rates ranging from 10Hz to 120Hz, providing silky-smooth scrolling and responsiveness. Touch interactions are seamless thanks to Multi-Touch support, allowing you to scroll, pinch, and draw directly on the glass surface.

Beyond the display, the M5 Max chip redefines speed with an 18-core CPU comprising six super cores and twelve performance cores. This architecture is paired with a robust 32-core GPU that includes hardware-accelerated ray tracing for realistic graphics in creative applications. The integrated Neural Accelerators further enhance AI tasks, while Apple Intelligence

brings personal, conversational assistance directly into your apps. All of this runs efficiently on macOS, which supports Dynamic Island for quick access to Live Activities and Spotlight search.

**Connectivity and Ports**

The MacBook Pro MJ2M4ZE/A is designed to connect everything you need without bulky dongles. It includes three Thunderbolt 5 ports that support charging, DisplayPort, Thunderbolt 5 data transfer up to 120Gb/s, and USB 4.0 standards. Additional connectivity options include an HDMI port for external displays or TVs, a full-size SDXC card slot for photographers, and a MagSafe 3 port for convenient wireless-style charging. The Apple-designed N1 wireless chip ensures you stay connected with Wi-Fi 7 (802.11be) and Bluetooth 6, offering faster speeds and more stable connections than previous generations.

**Audio, Camera, and Security**

Communication and entertainment are handled by a sophisticated six-speaker sound system with force-cancelling woofers for deep bass and wide stereo sound. The audio supports Spatial Audio and Dolby Atmos for an immersive experience. For video calls, the 12MP Center Stage camera automatically keeps you centered in the frame, while the studio-quality three-mic array ensures your voice is heard clearly even in noisy environments. Security is paramount with Touch ID built into the keyboard for fingerprint authentication, FileVault encryption to protect your data, and robust antivirus protection included.

**Technical Specifications**

- Processor: Apple M5 Max chip with 18-core CPU (6 super cores + 12 performance cores) and 32-core GPU
- Memory: 36GB unified memory (soldered, no upgrade slots)
- Storage: 2TB SSD solid-state drive
- Display: 14.2-inch PROLED XDR with 3024 x 1986 resolution and 1000 nits sustained brightness
- Battery Life: Up to 22 hours of video playback or web browsing on a single charge
- Weight: 1.6 kg (approx. 1.40 kg for the chassis)
- Wireless: Wi-Fi 7 and Bluetooth 6 with Apple N1 chip

**What's in the Box**

Purchasing this MacBook Pro includes the 14-inch laptop itself, finished in Space Black. The package also contains a USB-C to MagSafe 3 Cable measuring 2 meters in length for charging and data transfer. Please note that while the device is ready to use out of the box, specific power adapters may be sold separately depending on regional regulations.

**Specifications:**

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| **Display glass** | Standard Glass |
| **In The Box** | 14-inch MacBook Pro with PROLED XDR Display |
| | USB-C to MagSafe 3 Cable (2 m) |
| **Brand** | Apple |
| **Year released** | 2026 |
| **SKU** | MJ2M4ZE/A |
| **Screen size** | 14-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 |

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| **Display** | PROLED XDR display |
| | 14.2-inch (diagonal) tandem OLED display , 3024-by-1986 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,3 2000 nits peak (HDR content only) |
| | SDR brightness: up to 1000 nits sustained full-screen,3 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 |
| | Nano-texture glass option |
| **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 |

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| **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 20 hours video streaming |
| | Up to 13 hours wireless web |
| | 72.6-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: 70W |
| | Fast-charge capable with 96W 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: 15.0 mm |
| | Width: 310.8 mm |
| | Depth: 216.3 mm |
| | Weight 1.40 kg |

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| **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 upgradeable memory?**

The Apple M5 Max model comes with 36GB of unified memory, but it does not have memory slots, so the RAM is not user-upgradeable after purchase.

**What kind of display technology does this notebook use?**

This device features a 14.2-inch PROLED XDR tandem OLED panel with a 10,000,000:1 contrast ratio and support for up to 2,000 nits peak brightness in HDR content.

**What ports are available for connecting external devices?**

The notebook includes three Thunderbolt (USB-C) ports that support charging and display output, an HDMI port, an SDXC card slot, a MagSafe 3 charging port, and a headphone jack.

**Can this laptop run multiple external monitors simultaneously?**

Yes, the M5 Max chip supports connecting up to four external displays for expanded workflow capabilities.

**How long does the battery last on a single charge?**

You can expect up to 20 hours of video streaming or 13 hours of wireless web usage before needing to recharge.

## Product Information Online

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

**Product page:**
**https://comx-computers.co.za/Buy-Notebooks-Laptops-MJ2M4ZE-A-Apple-MacBook-Pro-14-OLED-M5-Notebook-Apple-M5-Max-lp-342001.php**

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