ComX Computers
Product Specification Sheet

MJ2Y4ZE/A

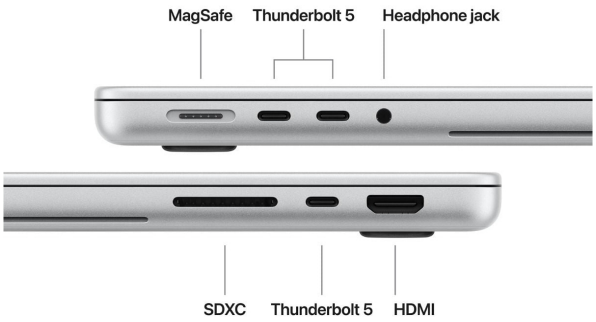
Apple MacBook Pro 16 OLED M5 Notebook Apple M5 Max 18 core 48GB 2TB 16.3" 3472x2266 40-core GPU BT macOS

Product Overview

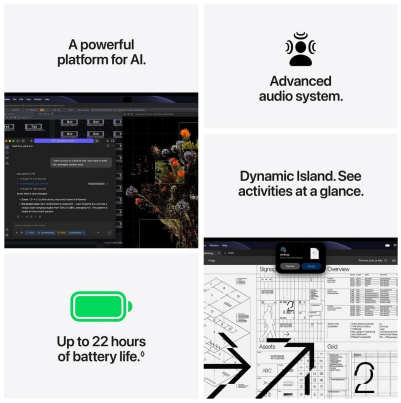
Apple MacBook Pro 16 OLED M5 MJ2Y4ZE/A Silver Notebook, Apple M5 Max chip 18-core CPU with 6 super cores cores & 12 performance cores & 40-core GPU & 16-core Neural Engine, 48GB unified memory, Supports 48GB Max Mem, No memory slots, 2TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 16.3" PROLED XDR (3472 x 2266 resolution) Glossy Type 1000 nits Tandem OLED Backlit Display, 40-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 stunning Apple MacBook Pro 16 OLED (Model MJ2Y4ZE/A) now available in South Africa. Featuring the powerful M5 Max chip, this sleek silver notebook delivers exceptional performance for demanding creative tasks, supported by a breathtaking PROLED XDR display that brings your visuals to life with vivid colors and deep contrast.

Equipped with 48GB of unified memory and a spacious 2TB SSD, you can handle massive files and complex projects without compromise. Whether you are editing high-resolution video or running intensive simulations, this machine ensures smooth operation. Secure yours today by buying now to experience the future of portable computing.

Laptop performance tier: High-End Pro

Uses: Video Editing, 3D Rendering, Software Development, Graphic Design, Data Analysis

Overview:

Apple MacBook Pro 16 OLED M5 MJ2Y4ZE/A Silver Notebook

The 16-inch MacBook Pro with PROLED XDR Display delivers spectacular brightness, contrast and colour, all in the world's best laptop display. And Touch lets you scroll, pinch and draw directly onscreen. With the superfast M5 Max chip and powerful AI capabilities, you can push the limits of pro workflows. This model combines cutting-edge performance with a stunning visual experience, making it ideal for creators who demand precision.

Description

The Apple MacBook Pro 16 OLED MJ2Y4ZE/A is engineered for professionals who need unmatched power and visual fidelity. Powered by the revolutionary M5 Max chip featuring an 18-core CPU and a massive 40-core GPU, this machine handles the most demanding creative tasks with ease. The display sets a new standard for portable screens with its PROLED XDR technology, offering extreme dynamic range that brings images to life with deep blacks and vibrant highlights. Whether you are editing high-resolution video, rendering complex 3D models, or developing software, this laptop provides the speed and clarity required to excel.

The M5 Max chip is a powerhouse designed for on-device AI workloads and graphics-intensive applications. It includes a 16-core Neural Engine that accelerates machine learning tasks while maintaining incredible power efficiency. The system supports up to 48GB of unified memory, ensuring smooth multitasking even when running multiple heavy applications simultaneously. With 2TB of SSD storage, you have ample space for large project files and media libraries without compromising speed.

Features:

Key Features

- Apple M5 Max chip with 18-core CPU (6 super cores & 12 performance cores) and 40-core GPU
- PROLED XDR Tandem OLED display with 3472 x 2266 resolution and up to 2000 nits peak brightness
- 48GB unified memory for seamless multitasking and high-performance workflows
- 2TB SSD storage for fast file access and ample capacity
- Wi-Fi 7 and Bluetooth connectivity with the Apple N1 wireless chip
- Advanced 12MP Center Stage camera with support for Desk View and 1080p video recording
- Six-speaker sound system with force-cancelling woofers supporting Spatial Audio
- Touch ID sensor integrated into the Magic Keyboard for secure authentication
- MagSafe 3 charging port plus three Thunderbolt 5 ports and an HDMI output
- SDXC card slot and headphone jack for versatile connectivity

The display technology on this laptop is a significant leap forward. The PROLED XDR panel utilizes a tandem OLED structure to achieve a contrast ratio of 10,000,000:1 . This allows for true blacks in dark scenes while maintaining brilliant whites in bright highlights, perfect for HDR content creation and viewing. The screen supports P3 and Adobe RGB wide color gamuts, ensuring accurate color representation for professional design work.

Connectivity is robust with a comprehensive array of ports. You get three Thunderbolt 5 ports that support charging, DisplayPort output, and data transfer speeds up to 120Gb/s. An HDMI port allows for easy connection to external monitors or TVs, while the SDXC card slot simplifies importing photos and video directly from cameras. The inclusion of a headphone jack means you can use high-quality headphones without adapters.

Battery life is designed to keep you working all day long. The 100-watt-hour lithium-polymer battery can deliver up to 22 hours of video streaming or 16 hours of wireless web browsing on a single charge. Fast-charge capabilities allow you to power up quickly using a 140W or higher USB PD power source, minimizing downtime when you are on the go.

macOS provides a powerful platform for productivity and creativity. All your essential apps run lightning fast, and features like Dynamic Island help you track Live Activities at the top of the screen. The system includes robust security protections such as FileVault encryption and Touch ID to keep your data safe. Apple Intelligence is integrated into the OS, offering personal and conversational AI assistance that respects user privacy.

What's in the box

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

The build quality is exceptional, weighing approximately 1.84 kg with dimensions of 355.5 mm in width and 244.2 mm in depth. Despite its powerful internals, the chassis remains sleek and portable for professionals who travel frequently. The backlit Magic Keyboard features an ambient light sensor that adjusts key illumination based on your environment.

This unit is identified by part number MJ2Y4ZE/A. It represents a 2026 model release designed to meet the evolving needs of modern creators and developers. The combination of the M5 Max chip, PROLED display, and extensive connectivity makes it a top-tier choice for high-end computing tasks.

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	MJ2Y4ZE/A
Screen size	16-inch
Storage	2TB SSD
Model	Apple M5 Max

Memory	48GB unified memory
Processor	Apple M5 Max chip. 18-core CPU with 6 super cores and 12 performance cores 40-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

Can I upgrade the memory or storage on this MacBook Pro later?

No, this model has no memory slots as it features 48GB unified memory and a 2TB SSD that are built directly into the system. You can choose from supported configurations at purchase, but upgrades after buying are not possible.

How bright is the display for outdoor use or professional color grading?

The 16.3-inch PROLED XDR display features a tandem OLED panel with up to 2000 nits peak brightness for HDR content and outdoor visibility, along with a 10,000,000:1 contrast ratio. It supports P3 and Adobe RGB wide color gamuts, making it suitable for professional design and filmmaking.

What connectivity options are available for external displays and peripherals?

The laptop includes three Thunderbolt 5 (USB-C) ports that support charging, DisplayPort, and high-speed data transfer. It also features an HDMI port, SDXC card slot, MagSafe 3 charging port, and a headphone jack. With the M5 Max chip, it supports up to four external displays simultaneously.

How long does the battery last under typical usage conditions?

The 100-watt-hour lithium-polymer battery provides up to 22 hours of video streaming or up to 16 hours of wireless web browsing. It supports fast charging with a 140W or higher USB PD power source.

Does this model include an optical drive for CDs or DVDs?

No, there is no optical drive (CD/DVD) included in this package; you will need to rely on digital downloads or external drives for media playback if necessary.

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-MJ2Y4ZE-A-Apple-MacBook-Pro-16-OLED-M5-Notebook-Apple-M5-Max-lp-342008.php

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