ComX Computers
Product Specification Sheet

MJ334ZE/A

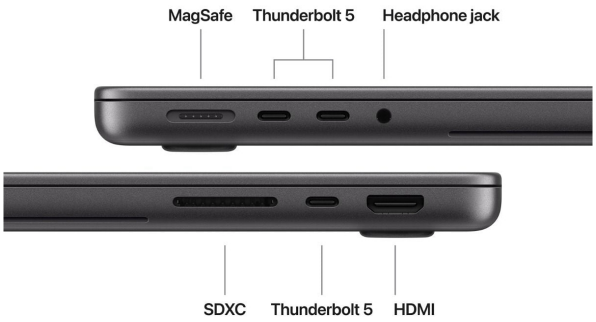
Apple MacBook Pro 16 OLED M5 Notebook Apple M5 Max 18 core 48GB 2TB 16.3" 3472x2266 40-core GPU BT macOS

Product Overview

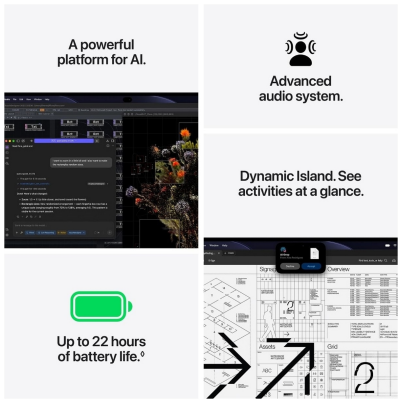
Apple MacBook Pro 16 OLED M5 MJ334ZE/A Space Black Notebook, Apple M5 Max chip 18-core CPU with 6 super cores cores & 12 performance cores & 40-core GPU & 16-core Neural Engine, 48GB unified memory, Supports 48GB Max Mem, No memory slots, 2TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 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:

Experience the pinnacle of portable performance with the Apple MacBook Pro 16 OLED M5 MJ334ZE/A in Space Black. This powerhouse laptop features a stunning 16.3-inch PROLED XDR display, delivering exceptional brightness and contrast for professional workflows. Powered by the blazing-fast M5 Max chip with 48GB of unified memory and a massive 2TB SSD, it handles demanding creative tasks with ease. Ideal for South African professionals seeking top-tier performance, this model is ready to elevate your work immediately.

Don't miss out on the opportunity to own one of the most advanced laptops available. With its robust connectivity including Thunderbolt 5 ports and Wi-Fi 7 support, you will stay connected and productive wherever you go. Secure your high-performance machine today by buying now and unlock the full potential of Apple Intelligence.

Laptop performance tier: High-End Pro

Uses: Video Editing, 3D Rendering, Software Development, Graphic Design, Scientific Research

Overview:

The Apple MacBook Pro 16 OLED M5 (Part Number MJ334ZE/A) redefines professional computing with its groundbreaking PROLED XDR display, delivering a visual experience that combines extreme dynamic range with the deep blacks of tandem OLED technology. This Space Black notebook is powered by the formidable Apple M5 Max chip, featuring an 18-core CPU and a blazing-fast 40-core GPU designed to handle the most demanding creative workflows with ease. Whether you are editing high-resolution video, rendering complex 3D scenes, or running large language models locally, the dedicated Neural Engine and AI-optimized architecture ensure smooth performance without compromising on battery life.

Beyond raw power, this machine offers an immersive ecosystem where connectivity meets precision. The inclusion of Wi-Fi 7 and Bluetooth 6 ensures your wireless connections are faster and more stable than ever before, while the comprehensive array of ports including Thunderbolt 5, HDMI, and SDXC slots means you can connect to any peripheral or display without adapters. With a sleek design weighing just under 2 kilograms and up to 22 hours of battery life for video streaming, it is built to travel as well as it performs in the office.

Description

This premium laptop combines a stunning 16.3-inch PROLED XDR display with the raw computational power of the M5 Max chip, making it an ideal choice for professionals who need color accuracy and speed. The device features 48GB of unified memory to ensure seamless multitasking and 2TB of SSD storage for your large media files. Its intelligent battery management allows you to work all day without a charger, while the advanced audio system and Center Stage camera keep you looking and sounding like a pro during video calls.

Features:

Key Performance Highlights

- Powered by Apple M5 Max chip with 18-core CPU (6 super cores + 12 performance cores) and 40-core GPU
- Includes 16-core Neural Engine for accelerated machine learning tasks
- 48GB unified memory configuration for intensive multitasking
- Massive 2TB SSD storage with high-speed PCIe data transfer
- Supports up to four external displays when using the M5 Max chip

Display and Visual Experience

The centerpiece of this notebook is the 16.3-inch PROLED XDR screen, which utilizes a tandem OLED panel to achieve a contrast ratio of 10,000,000:1 . This technology allows for true blacks and vibrant colors that extend across the P3 and Adobe RGB gamuts, making it perfect for color-critical work in filmmaking or design. The display supports ProMotion with adaptive refresh rates from 10Hz to 120Hz, ensuring fluid motion whether you are scrolling through documents or watching HDR content.

- Native resolution of 3472 x 2266 pixels at 254 pixels per inch
- XDR brightness up to 2000 nits peak for HDR content and outdoor visibility
- Sustained full-screen brightness of 1000 nits for SDR content
- Supports True Tone technology for adjusted color temperature based on ambient light
- Anti-reflective coating with fingerprint-resistant oleophobic finish

Connectivity and Expansion

Staying connected is effortless with the latest wireless standards, including Wi-Fi 7 and Bluetooth 6.0 enabled by the custom Apple N1 chip. The connectivity suite on this model includes three Thunderbolt 5 ports that support charging, DisplayPort, and data rates up to 120Gb/s. Additional ports provide versatility for every professional need.

- Three Thunderbolt (USB-C) ports with support for USB 4 and Thunderbolt 5
- MagSafe 3 port for fast and convenient charging
- HDMI port supporting multichannel audio output and video playback in HDR formats like Dolby Vision
- SDXC card slot for direct import from cameras
- 3.5 mm headphone jack compatible with high-impedance headphones

Audio, Camera, and Input Systems

Communication is crystal clear thanks to the advanced six-speaker sound system featuring force-cancelling woofers that deliver deeper bass and Spatial Audio support. The camera setup includes a 12MP Center Stage lens with Desk View capability, automatically framing you during video calls. Input devices are equally refined, offering a backlit Magic Keyboard with Touch ID for secure authentication.

- Studio-quality three-mic array with Voice Isolation and Wide Spectrum modes
- Supports Spatial Audio with dynamic head tracking via AirPods
- 12MP Center Stage camera supporting Desk View and 1080p HD video recording
- Backlit Magic Keyboard with Touch ID sensor
- Force Touch trackpad for precise cursor control and pressure-sensitive drawing

Battery Life and Power Management

The integrated 100-watt-hour lithium-polymer battery is engineered to keep you productive throughout the day. It supports fast charging via a USB-C power adapter or any compatible USB PD source, allowing you to get hours of use from just minutes of charging.

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

What's in the box

- 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	MJ334ZE/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 Max8
	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 on this MacBook Pro after purchase?

The 16-inch MacBook Pro with Apple M5 Max chip comes with 48GB of unified memory, but it has no memory slots, so upgrading the RAM is not possible. You must select your desired capacity at the time of purchase as it cannot be expanded later.

What type of display does this notebook feature and how bright is it?

This model features a 16.3-inch PROLED XDR tandem OLED display with a resolution of 3472 x 2266 pixels. It offers up to 2000 nits peak brightness for HDR content and outdoor visibility, along with a 10,000,000:1 contrast ratio and support for P3 and Adobe RGB color gamuts.

How many external displays can this machine support?

The display support depends on the specific chip configuration; models equipped with the M5 Max chip support up to four external displays, while those with the M5 Pro chip support up to three. The laptop includes HDMI and three Thunderbolt 5 ports to facilitate these connections.

Does this device come with a disk drive for CDs or DVDs?

No, this MacBook Pro does not include an optical drive (CD/DVD). It relies on the built-in SDXC card slot for media and uses its high-speed Thunderbolt 5 ports for connecting external storage or peripherals.

What connectivity options are available for networking and peripherals?

The notebook includes Wi-Fi 7 and Bluetooth 6.4 via the Apple N1 wireless chip. For wired connections, it offers three Thunderbolt (USB-C) ports that support charging and DisplayPort, an HDMI port, a headphone jack, and an SDXC card slot.

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-MJ334ZE-A-Apple-MacBook-Pro-16-OLED-M5-Notebook-Apple-M5-Max-lp-342009.php

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