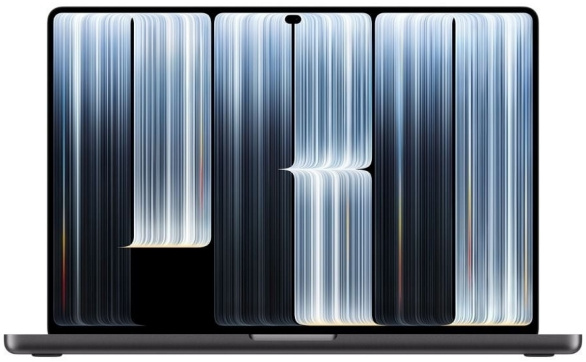
ComX Computers
Product Specification Sheet

MJ304ZE/A

Apple MacBook Pro 16 OLED M5 Notebook Apple M5 Pro 18 core 24GB 1TB 16.3" 3472x2266 20-core GPU BT macOS

Product Overview

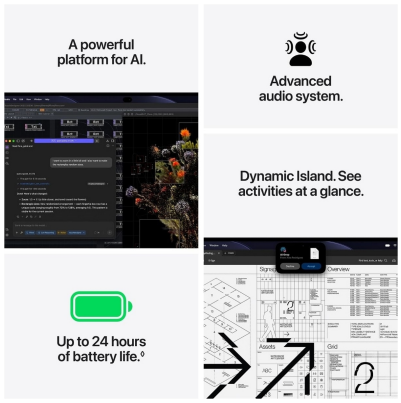
Apple MacBook Pro 16 OLED M5 MJ304ZE/A Space Black Notebook, Apple M5 Pro chip 18-core CPU with 6 super cores cores & 12 performance cores & 20-core GPU & 16-core Neural Engine, 24GB unified memory, Supports 24GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 16.3" PROLED XDR (3472 x 2266 resolution) Glossy Type 1000 nits Tandem OLED Backlit Display, 20-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 latest Apple MacBook Pro 16 OLED featuring the powerful M5 Pro chip, available now at our online store. This Space Black notebook delivers exceptional performance with its stunning PROLED XDR display and 24GB unified memory, making it the perfect choice for professionals in South Africa seeking top-tier productivity.

Designed to handle demanding tasks effortlessly, this machine combines cutting-edge AI capabilities with all-day battery life to keep you moving forward. Secure your future of creativity by buying now and experience the ultimate laptop performance without compromise.

Laptop performance tier: High-End Pro

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

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Overview:

Apple MacBook Pro 16 OLED M5 MJ304ZE/A Overview

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 Pro and M5 Max chips and powerful AI capabilities, you can push the limits of pro workflows.

Description

This premium notebook is designed for professionals who demand the absolute best in visual fidelity and processing power. Equipped with the groundbreaking Apple M5 Pro chip, it offers an 18-core CPU and a robust 20-core GPU to handle demanding creative tasks effortlessly. The stunning PROLED XDR display features a tandem OLED panel that brings outstanding precision to filmmaking, design, and scientific research. With up to 24 hours of battery life, powerful AI capabilities for on-device tasks, and a seamless macOS experience, this machine is the ultimate platform for productivity and creativity.

The Apple MacBook Pro MJ304ZE/A represents the pinnacle of portable computing, combining raw power with an intuitive design. The device features a sleek Space Black finish and weighs just 2.2 kg, making it a powerful companion for professionals on the go. Its advanced connectivity options ensure you can connect to all your peripherals without hassle.

Features:

Key Performance Specifications

- Chip: Apple M5 Pro with 18-core CPU (6 super cores and 12 performance cores)
- GPU: 20-core GPU with Neural Accelerators and hardware-accelerated ray tracing
- Neural Engine: 16-core architecture for advanced AI tasks

- Memory: 24GB unified memory (supports up to 24GB max, no user upgrade slots)
- Storage: 1TB SSD with PCIe technology

The display is where this laptop truly shines. The PROLED XDR screen offers a resolution of 3472 by 2266 pixels at 254 pixels per inch, ensuring every detail is crisp and clear. It supports ProMotion technology with adaptive refresh rates ranging from 10Hz to 120Hz for incredibly smooth scrolling. The panel delivers up to 1000 nits of sustained full-screen brightness and a peak of 2000 nits for HDR content, paired with an incredible 10,000,000:1 contrast ratio.

Connectivity and Ports

- Three Thunderbolt 5 (USB-C) ports supporting charging, DisplayPort, Thunderbolt 5 (up to 120Gb/s), and USB 4
- HDMI port for multichannel audio output
- SDXC card slot for fast media transfer
- MagSafe 3 charging port
- 3.5 mm headphone jack with advanced support for high-impedance headphones

Built-in security protections help keep your data safe and protected using FileVault encryption and Touch ID for secure unlocking and payments. The device runs on macOS, which integrates Apple Intelligence to make Siri more personal and conversational while maintaining privacy.

Audio and Visual Excellence

- Camera: 12MP Center Stage camera with Desk View support
- Video Support: Records in 1080p HD with advanced stabilization and computational video
- Speakers: High-fidelity six-speaker sound system with force-cancelling woofers supporting Spatial Audio
- Microphones: Studio-quality three-mic array with Voice Isolation

The keyboard experience is enhanced by the Backlit Magic Keyboard featuring an ambient light sensor and Touch ID. The Force Touch trackpad enables precise cursor control and pressure-sensing capabilities for a natural interaction style.

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	MJ304ZE/A
Screen size	16-inch
Storage	1TB SSD
Model	Apple M5 Pro
Memory	24GB unified memory
Processor	Apple M5 Pro chip. 18-core CPU with 6 super cores and 12 performance cores 20-core GPU Neural Accelerators Hardware-accelerated ray tracing 16-core Neural Engine 307GB/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,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
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 24 hours video streaming
	Up to 17 hours wireless web
	100-watt-hour lithium-polymer battery17
	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 1.82 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 allow for memory upgrades after purchase?

No, the device comes with 24GB of unified memory and explicitly states there are no memory slots available for upgrades.

What kind of display technology does the PROLED XDR screen use?

The laptop features a 16.3-inch tandem OLED panel that offers a 10,000,000:1 contrast ratio and supports up to 2000 nits peak brightness for HDR content.

How many external displays can this model support simultaneously?

With the Apple M5 Pro chip, this notebook supports connecting up to three external monitors at once.

Is there an optical drive or SD card slot included for media transfer?

This model does not have an internal CD or DVD drive; however, it includes a built-in SDXC card slot for easy file transfers.

What connectivity standards are supported by the wireless chip?

The laptop is equipped with Apple's N1 wireless chip to support Wi-Fi 7 and Bluetooth 6.4 for fast and reliable connections.

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-MJ304ZE-A-Apple-MacBook-Pro-16-OLED-M5-Notebook-Apple-M5-Pro-lp-342020.php

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