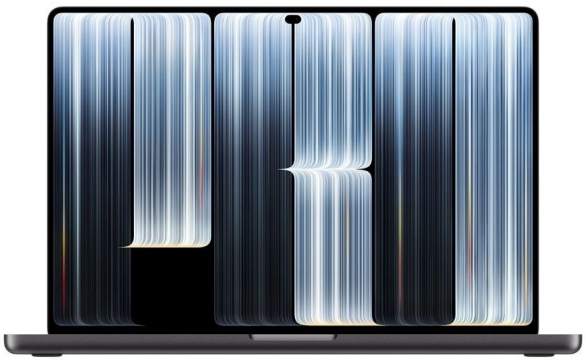
ComX Computers
Product Specification Sheet

MMFA4ZE/A

Apple MacBook Pro 16 OLED M5 Notebook Apple M5 Pro 18 core 48GB 1TB 16.3" 3472x2266 20-core GPU BT macOS

Product Overview

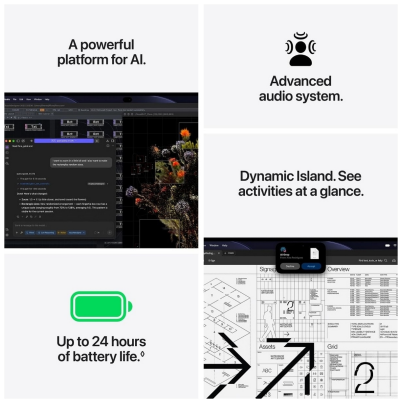
Apple MacBook Pro 16 OLED M5 MMFA4ZE/A Space Black Notebook, Apple M5 Pro chip 18-core CPU with 6 super cores cores & 12 performance cores & 20-core GPU & 16-core Neural Engine, 48GB unified memory, Supports 48GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 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 stunning Apple MacBook Pro 16 OLED featuring the powerful M5 Pro chip. Designed for professionals who demand excellence, this Space Black notebook delivers exceptional performance with 48GB unified memory and a spacious 1TB SSD. The PROLED XDR display offers breathtaking visuals with incredible contrast, making it perfect for creative projects or demanding multitasking tasks.

Experience seamless connectivity with Wi-Fi 7 and Thunderbolt 5 ports that support fast data transfer and external displays. Whether you are editing high-resolution video, developing software, or managing complex spreadsheets, this laptop handles everything with ease. Secure your future of productivity today by buying now from our online store.

Laptop performance tier: High-End Professional

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

Overview:

Apple MacBook Pro 16 OLED M5 - Ultimate Performance in Space Black

The 16-inch MacBook Pro with PROLED XDR Display delivers spectacular brightness, contrast and colour, establishing itself as the world's best laptop display. This powerful machine combines a stunning Tandem OLED panel with the superfast Apple M5 Pro chip to push the limits of professional workflows. With Touch technology integrated into the screen, you can scroll, pinch and draw directly onscreen for a more intuitive experience. Powered by an 18-core CPU featuring 6 super cores and 12 performance cores alongside a 20-core GPU and 16-core Neural Engine, this notebook handles demanding AI tasks with incredible efficiency.

Description

This premium laptop is defined by its groundbreaking PROLED XDR display which offers up to 2,000 nits peak HDR brightness and a 10,000,000:1 contrast ratio for true-to-life visuals. The Apple M5 Pro chip ensures lightning-fast performance for creative professionals, while the 48GB of unified memory allows for seamless multitasking without lag. Designed for portability yet packed with power, it includes Wi-Fi 7 connectivity, a high-quality 12MP Center Stage camera, and an extensive array of ports including three Thunderbolt 5 connections and an SDXC card slot.

The SKU for this specific Space Black configuration is MMFA4ZE/A. It represents the pinnacle of mobile computing with a chassis that weighs just 2.2 kg while housing a massive battery capable of up to 24 hours of video streaming. The system runs on macOS, providing a smooth and seamless environment where all your productivity apps run at peak speed. Dynamic Island helps you track Live Activities or search for anything instantly via Spotlight.

Features:

Key Features

- PROLED XDR Display with 16.3-inch Tandem OLED panel offering 10,000,000:1 contrast ratio and support for P3 plus Adobe RGB wide color gamuts
- Apple M5 Pro chip featuring an 18-core CPU, 20-core GPU, and 16-core Neural Engine optimized for AI workloads
- 48GB Unified Memory providing massive bandwidth for complex creative projects and multitasking
- Up to 24 hours of battery life with support for fast charging via a 140W USB PD power source
- Advanced connectivity including Wi-Fi 7, Bluetooth 6.4, three Thunderbolt 5 ports, HDMI, SDXC slot, and MagSafe 3
- 12MP Center Stage camera with Desk View support for professional video calls
- Six-speaker sound system with force-cancelling woofers supporting Spatial Audio and Dolby Atmos

Technical Specifications

The display on this model is a glossy type featuring an antireflective coating and fingerprint-resistant oleophobic surface. It supports ProMotion technology with adaptive refresh rates ranging from 10Hz to 120Hz for incredibly smooth scrolling and animation. The screen can reach up to 1000 nits of sustained full-screen brightness and 2000 nits peak brightness for HDR content, making it ideal for outdoor use as well.

The storage is a fast PCIe-based 1TB SSD Solid State Drive with no optical drive included. The keyboard is a backlit Magic Keyboard equipped with Touch ID for secure authentication and an ambient light sensor to adjust keys automatically. For audio output, there is a 3.5 mm headphone jack that supports high-impedance headphones alongside the HDMI port which handles multichannel audio.

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	MMFA4ZE/A
Screen size	16-inch
Storage	1TB SSD
Model	Apple M5 Pro
Memory	48GB 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 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 24 hours video streaming
	Up to 17 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 1.82 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

What is the battery life of this MacBook Pro?

This device supports up to 24 hours of video streaming or 17 hours of wireless web browsing on a single charge thanks to its 100-watt-hour lithium-polymer battery.

Can I upgrade the memory after purchase?

No, this model does not have user-accessible memory slots; it comes with 48GB unified memory that supports up to 48GB max but cannot be expanded later.

What connectivity options are available for external displays and peripherals?

The laptop includes three Thunderbolt 5 ports, an HDMI port, an SDXC card slot, a headphone jack, and MagSafe 3 charging. It supports up to three external displays when using the M5 Pro chip.

How advanced is the display on this model?

The 16.3-inch PROLED XDR display features a tandem OLED panel with a 10,000,000:1 contrast ratio, supporting up to 2000 nits peak brightness for HDR content and offering P3 and Adobe RGB color gamuts.

Does this laptop support AI capabilities?

Yes, it features the Apple M5 Pro chip with a 16-core Neural Engine designed for on-device AI tasks like running large language models, powered by Apple Intelligence integrated into macOS.

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-MMFA4ZE-A-Apple-MacBook-Pro-16-OLED-M5-Notebook-Apple-M5-Pro-lp-342024.php

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