ComX Computers
Product Specification Sheet

MMF64ZE/A

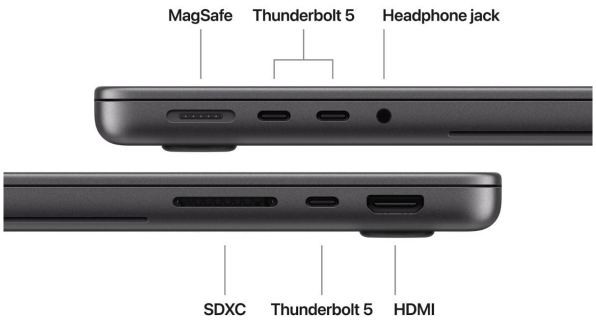
Apple MacBook Pro 14 OLED M5 Notebook Apple M5 Pro 18 core 48GB 1TB 14.2" 3024x1986 20-core GPU BT macOS

Product Overview

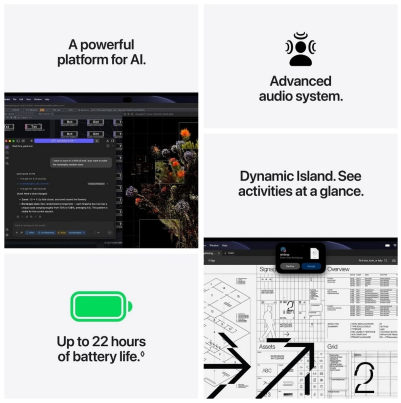
Apple MacBook Pro 14 OLED M5 MMF64ZE/A Space Black Notebook, Apple M5 Pro chip 18-core CPU with 6 super cores cores & 12 performance cores & 20-core GPU & 16-core Neural Engine, 48GB unified memory, Supports 48GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 14.2" PROLED XDR (3024 x 1986 resolution) Glossy Type 1000 nits OLED Backlit Display, 20-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 OLED M5 MMF64ZE/A, now available for purchase in South Africa. This premium notebook features a breathtaking PROLED XDR display and is powered by the advanced M5 Pro chip with 48GB of unified memory, ensuring seamless performance for demanding tasks.

Designed for professionals who need reliability and speed, this Space Black laptop combines cutting-edge AI capabilities with all-day battery life. Don't wait to experience the ultimate in portable computing; buy now and elevate your productivity instantly.

Laptop performance tier: High-End Professional

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

Overview:

Welcome to the future of portable computing with the Apple MacBook Pro 14 OLED M5, model MMF64ZE/A. This Space Black notebook is engineered for professionals who demand uncompromising performance and visual fidelity. Powered by the groundbreaking Apple M5 Pro chip, it delivers an incredible balance of speed and efficiency, making it ideal for demanding creative workflows, AI processing, and heavy multitasking.

The centerpiece of this machine is the stunning PROLED XDR display. Featuring a next-generation tandem OLED panel, it offers up to 2000 nits peak brightness and a true black contrast ratio that brings content to life with unprecedented realism. Whether you are editing video, designing graphics, or simply browsing the web, the visual experience is nothing short of spectacular.

Description

The Apple MacBook Pro 14 OLED M5 (Part Number: MMF64ZE/A) combines elite performance with a breathtaking PROLED XDR display. Key benefits include the powerful M5 Pro chip for rapid AI and graphics tasks, 48GB of unified memory for seamless multitasking, and up to 22 hours of battery life. The device features a versatile array of ports including Thunderbolt 5, HDMI, and an SDXC slot, ensuring you can connect to any peripheral. With its advanced camera, high-fidelity audio system, and robust security features like Touch ID, this laptop is the ultimate tool for modern professionals.

Features:

Key Performance Highlights

- Apple M5 Pro chip with 18-core CPU (6 super cores, 12 performance cores) and 20-core GPU
- 48GB unified memory for fluid multitasking and large file handling
- 1TB SSD storage for fast boot times and ample space for projects
- Up to 22 hours of battery life for all-day productivity without a charger

- Apple Intelligence integration for advanced on-device AI capabilities

Beyond raw power, the user experience is elevated by intuitive interaction methods. The display supports Multi-Touch gestures, allowing you to scroll, pinch, and draw directly onscreen with natural precision. For video calls and content creation, the 12MP Center Stage camera keeps you perfectly framed, while the six-speaker sound system delivers rich bass and clear highs that adapt to your environment.

Connectivity is never an issue thanks to a comprehensive selection of ports. You will find three Thunderbolt 5 (USB-C) ports capable of charging, displaying video, and transferring data at speeds up to 120Gb/s. Additional connectivity includes an HDMI port for external monitors, an SDXC card slot for photographers, a headphone jack, and the convenient MagSafe 3 charging port. The device also supports Wi-Fi 7 and Bluetooth 6 via the new Apple N1 wireless chip.

Display Specifications

- 14.2-inch PROLED XDR tandem OLED display
- Native resolution of 3024-by-1986 at 254 pixels per inch
- XDR brightness up to 1000 nits sustained and 2000 nits peak (HDR)
- 10,000,000:1 contrast ratio for deep blacks and vibrant colors
- P3 wide color gamut and support for Adobe RGB
- ProMotion technology with adaptive refresh rates up to 120Hz

The keyboard experience is refined with the Backlit Magic Keyboard, featuring Touch ID for secure authentication and seamless payments. An ambient light sensor automatically adjusts screen brightness based on your surroundings, while the Force Touch trackpad offers precise cursor control and pressure-sensitive drawing capabilities. The system runs smoothly on macOS, integrating Dynamic Island to keep you updated on Live Activities without leaving your workflow.

Connectivity and Ports

- Three Thunderbolt 5 (USB-C) ports supporting Charging, DisplayPort, Thunderbolt 4 & 5, and USB 4.0
- HDMI port for external displays and audio output
- SDXC card slot for direct camera transfer
- MagSafe 3 charging port
- 3.5 mm headphone jack with advanced support for high-impedance headphones

What's in the box

Each package contains the 14-inch MacBook Pro with PROLED XDR Display and a USB-C to MagSafe 3 Cable (2 m). This ensures you are ready to power up and start working immediately upon unboxing.

Built for security, this laptop includes robust protections like FileVault encryption and automatic software updates. It also supports a wide range of accessibility features including VoiceOver, Zoom, and Voice Control, ensuring an inclusive experience for all users. With its sleek Space Black finish and durable construction, the MacBook Pro 14 OLED M5 is a reliable companion for work, play, and everything in between.

Specifications:

Display glass	Standard Glass
Brand	Apple
Year released	2026
SKU	MMF64ZE/A
Screen size	14-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
	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

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 14 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 1.38 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 me to upgrade the memory later?

The device comes with 48GB of unified memory but does not have any memory slots, so the RAM cannot be upgraded after purchase.

How bright is the display and what kind of screen technology does it use?

This model features a 14.2-inch PROLED XDR tandem OLED panel that offers up to 2000 nits peak brightness for HDR content and maintains high contrast ratios suitable for professional creative work.

What connectivity options are available on this notebook?

The laptop includes three Thunderbolt 5 ports, an SDXC card slot, HDMI output, a headphone jack, and MagSafe 3 charging, allowing you to connect multiple external displays or high-speed peripherals.

Can I use the screen for interactive gestures like drawing or pinching?

Yes, the display supports Multi-Touch gestures, enabling you to scroll, pinch, and draw directly on the screen as part of the pro workflow features.

How long does the battery last under typical usage conditions?

The 72.6-watt-hour lithium-polymer battery provides up to 22 hours of video streaming time or up to 14 hours of wireless web browsing on a single charge.

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-MMF64ZE-A-Apple-MacBook-Pro-14-OLED-M5-Notebook-Apple-M5-Pro-lp-341999.php

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