ComX Computers
Product Specification Sheet

MMF94ZE/A

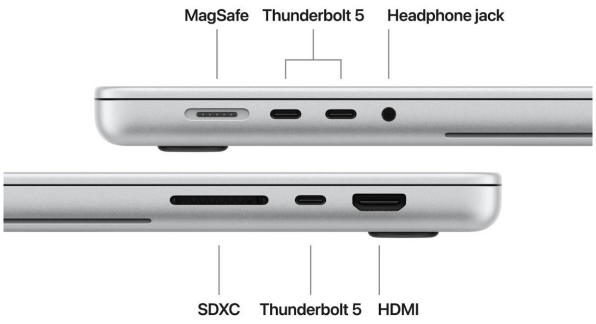
Apple MacBook Pro 16 OLED M5 Notebook Apple M5 Pro 18 core 48GB 1TB 16.3" 3472x2266 20-core GPU BT macOS

Product Overview

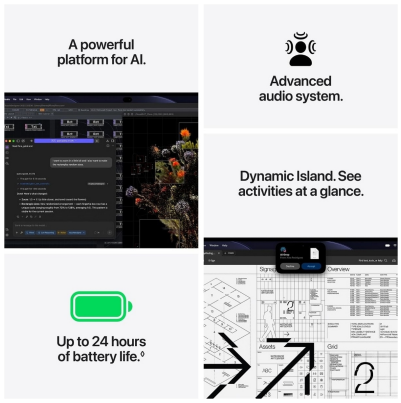
Apple MacBook Pro 16 OLED M5 MMF94ZE/A Silver Notebook, Apple M5 Pro chip 18-core CPU with 6 super cores cores & 12 performance cores & 20-core GPU & 16-core Neural Engine, 48GB unified memory, Supports 48GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 16.3" 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 latest Apple MacBook Pro 16 OLED featuring the powerful M5 Pro chip. This premium Silver notebook delivers exceptional performance with 48GB unified memory and a stunning PROLED XDR display, making it the ideal choice for professionals in South Africa seeking top-tier computing power.

Experience seamless multitasking and AI-driven capabilities designed to handle demanding creative projects effortlessly. With all-day battery life and robust connectivity options including Wi-Fi 7 and Thunderbolt 5, you can work anywhere with confidence. Buy now to secure your high-performance machine today.

Laptop performance tier: High-End Professional

Uses: Video editing, 3D rendering, Software development, Graphic design, Data analysis

Overview:

The Apple MacBook Pro 16 OLED M5 MMF94ZE/A Silver Notebook represents the pinnacle of portable computing, blending cutting-edge display technology with raw performance. Powered by the advanced Apple M5 Pro chip, this machine is engineered to handle the most demanding creative and professional workflows without compromise. The centerpiece of this laptop is the stunning 16.3-inch PROLED XDR display, which utilizes a tandem OLED panel to deliver unparalleled brightness, contrast, and color accuracy. Whether you are editing high-resolution video, designing complex graphics, or analyzing scientific data, the screen provides a reference-quality viewing experience that brings your work to life with vivid detail.

Description

The Apple M5 Pro chip features an 18-core CPU combining six super-cores and twelve performance cores alongside a robust 20-core GPU and a dedicated 16-core Neural Engine, ensuring lightning-fast processing for AI tasks and heavy workloads. With 48GB of unified memory, the system offers seamless multitasking capabilities that allow you to run multiple resource-intensive applications simultaneously. The device includes a spacious 1TB SSD for rapid file access and storage, while maintaining a sleek profile with essential connectivity options including three Thunderbolt ports, an SDXC card slot, and HDMI output.

Features:

Key Features

- Display: 16.3-inch PROLED XDR tandem OLED panel with up to 2000 nits peak HDR brightness and a 10,000,000:1 contrast ratio

- Processor: Apple M5 Pro chip featuring 18-core CPU (6 super cores + 12 performance cores) and 20-core GPU with Neural Accelerators

- Memory: 48GB unified memory supporting up to 48GB max capacity for intensive multitasking
- Storage: High-speed 1TB SSD solid state drive for quick boot times and file transfers
- Connectivity: Wi-Fi 7 wireless networking, Bluetooth 6.4, three Thunderbolt (USB-C) ports supporting charging and display output, HDMI port, SDXC card slot, and MagSafe 3 charging
- Camera & Audio: 12MP Center Stage camera with Desk View support, six-speaker sound system with force-cancelling woofers, and studio-quality three-mic array
- Battery Life: Up to 24 hours of video streaming or wireless web browsing on a single charge
- Operating System: macOS optimized for the M5 Pro architecture with full Apple Intelligence integration

Performance and Design

This laptop is built for professionals who need reliability and speed. The M5 Pro chip includes hardware-accelerated ray tracing and a Neural Engine designed to handle on-device AI workloads like large language models efficiently. The display supports adaptive refresh rates from 10Hz to 120Hz via ProMotion technology, ensuring smooth scrolling and responsive interactions while maintaining power efficiency. True Tone technology adjusts the white balance of the screen based on ambient light conditions for a comfortable viewing experience.

The chassis houses a backlit Magic Keyboard with an integrated Touch ID sensor for secure authentication and Apple Pay support. A Force Touch trackpad provides precise cursor control and pressure-sensitive capabilities for creative tasks. The system also includes an ambient light sensor to automatically adjust screen brightness, enhancing usability in various lighting environments.

Connectivity and Ports

Keeping your workflow connected is effortless with the comprehensive array of ports included on this model. You have three Thunderbolt 5 ports that support charging, DisplayPort, Thunderbolt 5 speeds up to 120Gb/s, and USB 4 standards. An HDMI port allows for easy connection to external monitors or TVs, while the SDXC card slot provides direct access to camera media files without adapters. The device also includes a 3.5 mm headphone jack with advanced support for high-impedance headphones and an audio output via HDMI.

Wireless capabilities are top-tier with the Apple-designed N1 wireless networking chip enabling Wi-Fi 7 (802.11be) and Bluetooth 6.4 connectivity. This ensures the fastest possible data transfer rates and stable connections for peripherals and accessories in crowded network environments.

What's in the box

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

The Apple MacBook Pro 16 OLED M5 MMF94ZE/A Silver Notebook is a powerhouse designed for the modern creative professional. Its combination of the M5 Pro chip, 48GB unified memory, and the revolutionary PROLED XDR display makes it an ideal choice for video editing, 3D rendering, software development, and scientific research. The machine weighs approximately 2.2 kg (1.82 kg as per detailed specs) with dimensions of 355.5 mm in width and 244.2 mm in depth, making it a robust yet portable companion for work on the go.

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	MMF94ZE/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

Can I upgrade the memory on this MacBook Pro later?

The device comes with 48GB of unified memory, but it has no memory slots and cannot be upgraded after purchase.

How many external displays can this model support?

You can connect up to three external displays when using the M5 Pro chip, or up to four if you have the M5 Max variant.

What kind of ports are available for charging and peripherals?

The laptop includes a MagSafe 3 port for charging, along with three Thunderbolt 5 (USB-C) ports that support charging, DisplayPort, and high-speed data transfer up to 120Gb/s.

Does this notebook have an optical drive or SD card slot?

This model does not include an optical drive for CDs; however, it features a built-in SDXC card slot for transferring photos and videos from cameras.

How long does the battery last on a single charge?

The 100-watt-hour lithium-polymer battery supports up to 24 hours of video streaming or up to 17 hours of wireless web browsing.

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-MMF94ZE-A-Apple-MacBook-Pro-16-OLED-M5-Notebook-Apple-M5-Pro-lp-342023.php

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