ComX Computers
Product Specification Sheet

MGE74ZE/A

Apple MacBook Pro 16 M5 Notebook Apple M5 Max 18 core 36GB 2TB 16.2" Retina XDR 32-core GPU BT macOS

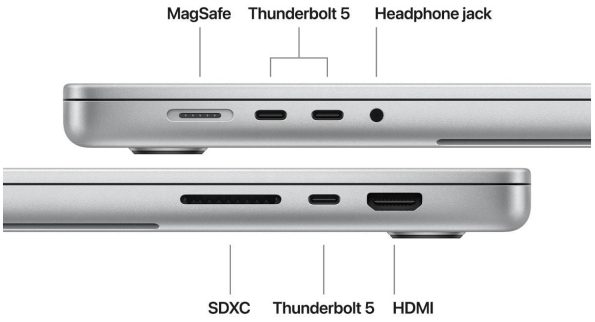
Product Overview

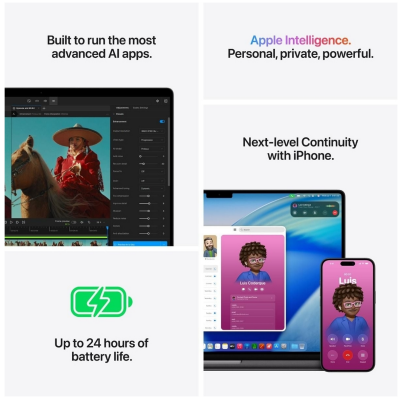
Apple MacBook Pro 16 M5 MGE74ZE/A Silver Notebook, Apple M5 Max chip 18-core CPU with 6 super cores cores & 12 performance cores & 32-core GPU & 16-core Neural Engine, 36GB unified memory, Supports 36GB Max Mem, No memory slots, 2TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 16.2" Retina XDR (3456 x 2234 resolution) Glossy Type 1000 nits LED Backlit Display, 32-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:

The Apple MacBook Pro 16 M5 Max delivers unmatched performance for creatives, professionals, and tech enthusiasts in South Africa. Equipped with an M5 Max chip, 36GB of unified memory, and a 2TB SSD, this MacBook powers through demanding tasks with ease. Its 16.2-inch Liquid Retina XDR display offers brilliant visuals, making it perfect for design, video editing, and on-device AI workloads. Shop now to experience premium speed, all-day battery life, and seamless macOS performance.

Customers have praised this MacBook Pro series for its reliability and powerhouse performance, especially among creative professionals, developers, and video editors. Many note the smooth handling of graphics-intensive projects and AI applications, highlighting the efficiency of the M5 Max chip for multitasking and content creation.

Laptop performance tier: High-end professional

Uses: Video editing, graphic design, software development, AI processing, multimedia production, professional presentations

Overview:

Apple MacBook Pro 16 inch M5 Max Silver Laptop

The Apple MacBook Pro 16 inch with the M5 Max chip is built for professionals who need serious performance, advanced graphics power, and a stunning display. Designed for creative workloads, software development, AI processing, and demanding multitasking, this premium laptop delivers impressive speed and efficiency in a sleek silver aluminium design.

Powered by the Apple M5 Max processor with an 18 core CPU and 32 core GPU, this MacBook Pro handles heavy workloads such as video editing, 3D rendering, and machine learning with ease. With 36GB of unified memory and a high speed 2TB SSD, users benefit from smooth multitasking and rapid file access.

The large 16.2 inch Liquid Retina XDR display provides exceptional clarity, colour accuracy, and brightness, making it ideal for creative professionals and content creators who require precision visuals.

Features:

Powerful Apple M5 Max Performance

At the heart of this MacBook Pro is the Apple M5 Max chip built for advanced computing and AI driven tasks. The processor includes 18 CPU cores with a mix of high performance and efficiency cores designed to deliver speed without compromising battery life.

The integrated 32 core GPU provides powerful graphics acceleration, making demanding applications such as video production, 3D design, and game development run smoothly.

The 16 core Neural Engine enhances machine learning and AI based workloads, allowing faster data processing and on

device AI capabilities.

Liquid Retina XDR Display for Professional Visuals

The 16.2 inch Retina XDR display delivers outstanding image quality with a high resolution of 3456 x 2234. With extreme dynamic range and a contrast ratio of 1,000,000 to 1, the screen produces deep blacks, vibrant colours, and sharp details.

The display supports up to 1000 nits sustained brightness and peaks of 1600 nits for HDR content. Combined with ProMotion technology and adaptive refresh rates up to 120Hz, visuals remain smooth and responsive whether you are editing video or scrolling through content.

Large Memory and Fast SSD Storage

With 36GB of unified memory, this MacBook Pro allows demanding applications to run smoothly even when multiple programs are open. The unified architecture ensures efficient communication between the CPU, GPU, and Neural Engine.

The 2TB PCIe solid state drive offers fast boot times, quick application launches, and ample space for large creative projects, high resolution media files, and professional software.

Connectivity for Modern Workflows

This MacBook Pro provides a wide selection of ports for connecting professional equipment, external displays, and high speed storage devices.

- 3x Thunderbolt USB C ports with Thunderbolt 5 and USB4 support
- HDMI output for external displays
- SDXC card slot for media transfer
- 3.5 mm headphone jack
- MagSafe 3 charging port

Wireless connectivity includes WiFi 7 and Bluetooth support for fast and reliable connections to networks and accessories.

Camera, Audio and Smart Design

The built in 12MP Center Stage webcam keeps you properly framed during video calls. Advanced image processing ensures clear and detailed video quality for meetings, streaming, or online collaboration.

A six speaker sound system with Spatial Audio and Dolby Atmos support delivers immersive sound, while the three microphone array captures clear voice recordings and calls.

Additional highlights include:

- Backlit keyboard with Touch ID
- Force Touch trackpad with multi touch gestures
- Ambient light sensor
- WiFi 7 wireless connectivity
- Bluetooth support

Portable Yet Powerful

Despite its professional level performance, the MacBook Pro remains portable and durable. The aluminium body is designed for everyday professional use while maintaining a sleek and modern appearance.

- Weight: 2.2 kg
- Colour: Silver
- Screen size: 16.2 inch Liquid Retina XDR
- Operating system: macOS

The Apple MacBook Pro 16 inch M5 Max laptop is an excellent choice for professionals who need a powerful machine for creative work, development, and advanced computing tasks.

Specifications:

Brand	Apple
Year released	2026

Screen size	16-inch
Model	Apple M5 Max
Processor	Apple M5
	Max chip. 18-core CPU with 6 super cores and 12 performance cores 32-core GPU Neural Accelerators Hardware-accelerated ray tracing 16-core Neural Engine 460GB/s memory bandwidth
Touch Bar Option	Non Touch Bar
Keyboard Type	Standard
Display	Liquid Retina XDR display
	16.2-inch (diagonal) Liquid Retina XDR display , 2 3456-by-2234 native resolution at 254 pixels per inch
	XDR (Extreme Dynamic Range)
	1,000,000:1 contrast ratio
	XDR brightness: 1000 nits sustained full-screen, 1600 nits peak3 (HDR content only)
	SDR brightness: up to 1000 nits (outdoor)
	Color
	1 billion colors
	Wide color (P3)
	True Tone technology
	Refresh rates
	ProMotion technology for adaptive refresh rates up to 120Hz
	Fixed refresh rates: 47.95Hz, 48.00Hz, 50.00Hz, 59.94Hz, 60.00Hz
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)
Camera and Video Support	12MP Center Stage camera with support for Desk View
	1080p HD video recording
	Advanced image signal processor with computational video

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
Power and Battery	Up to 22 hours video streaming
	Up to 16 hours wireless web
	100-watt-hour lithium-polymer battery18
	USB-C to MagSafe 3 Cable (2m)
	Supports charging via a USB-C power adapter or other USB PD power source
	Minimum wattage required to charge the device: 140W
	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: 16.8 mm
	Width: 355.7 mm
	Depth: 248.2 mm
	Weight (M5 Pro): 2.15kg
Wireless	Apple N1 wireless networking chip
	Wi-Fi 7 (802.11be)
	Bluetooth 6
	Thread networking technology

Accessibility	Accessi-bility features help people with disabilities get the most out of their new MacBook Pro.
	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
	Accessi-bility Reader
	Voice Control
	Switch Control
	Closed Captions
	Live Captions
	Personal Voice and Live Speech
In The Box	16-inch MacBook Pro
	USB-C to MagSafe 3 Cable (2 m)
	Power Adapter Sold Separately

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-MGE74ZE-A-Apple-MacBook-Pro-16-Ip-335418.php

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