ComX Computers
Product Specification Sheet

MGEA4

Apple MacBook Pro 16 M5 Notebook Apple M5 Pro 18 core 24GB 1TB 16.2" Retina XDR 20-core GPU BT macOS

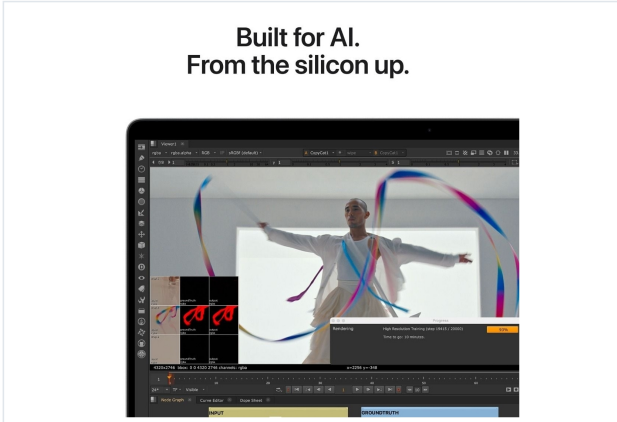
Product Overview

Apple MacBook Pro 16 M5 MGEA4 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), 16.2" Retina XDR (3456 x 2234 resolution) Glossy Type 1000 nits LED 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:

Experience unmatched performance with the Apple MacBook Pro 16 M5 Pro Notebook. Featuring a 16.2-inch Retina XDR display, 18-core CPU, 20-core GPU, and 24GB unified memory, this laptop handles demanding creative and professional tasks effortlessly. Store large projects with a 1TB SSD and stay connected with Thunderbolt 5, HDMI, and SDXC ports. Buy now to elevate your productivity and creative workflow.

Customers praise the MacBook Pro series for its lightning-fast performance, stunning display, and seamless integration with Apple devices. Ideal for video editors, graphic designers, developers, and AI enthusiasts, users report smooth multitasking, powerful rendering, and reliable on-device AI capabilities.

Laptop performance tier: High-end professional

Uses: Video editing, graphic design, software development, AI workloads, multimedia production, professional computing

Overview:

Apple MacBook Pro 16 M5 - Power Meets Performance

Experience the ultimate in speed and creativity with the Apple MacBook Pro 16-inch in Space Black. Equipped with the latest Apple M5 Pro chip, this notebook combines a high-performance 18-core CPU, 20-core GPU, and 16-core Neural Engine for seamless multitasking, content creation, and AI-powered tasks. Its 24GB unified memory and ultra-fast 1TB SSD storage ensure everything runs smoothly, while the 16.2-inch Liquid Retina XDR display delivers stunning visuals with up to 1600 nits peak brightness. Perfect for professionals and creatives, this MacBook Pro is designed to keep up with demanding workflows.

Features:

Stunning Retina Display for Every Task

Enjoy a visual experience like no other with the 16.2-inch Liquid Retina XDR display. It offers a 3456 x 2234 resolution, True Tone technology, and a wide color P3 gamut. The XDR brightness can reach 1600 nits for HDR content, while maintaining up to 1000 nits for standard tasks. Adaptive refresh rates up to 120Hz provide smooth scrolling and responsive visuals, making this laptop ideal for video editing, design, and immersive media.

Seamless Connectivity and Expansion Options

Stay connected with multiple ports, including three Thunderbolt 5 (USB-C) ports, HDMI, SDXC card slot, MagSafe 3, and a 3.5 mm headphone jack. Wi-Fi 7 and Bluetooth 6 ensure fast, reliable wireless connectivity. Whether connecting external displays or peripherals, the MacBook Pro supports up to three external monitors with the M5 Pro chip or four with M5 Max for expansive workspace setups.

Professional-Grade Camera and Audio

Communicate clearly with a 12MP Center Stage camera and three studio-quality microphones. The six-speaker audio system supports Spatial Audio and Dolby Atmos, providing immersive sound whether streaming, recording, or video conferencing. Advanced image processing ensures sharp, vibrant video while maintaining accurate colors.

Long-Lasting Battery and Efficient Charging

Work or play all day with up to 24 hours of video playback and up to 17 hours of web browsing. The MacBook Pro includes a USB-C to MagSafe 3 charging cable; pairing it with a USB-C power adapter (sold separately) ensures fast, reliable charging, supporting up to 50% charge in just 30 minutes with higher-watt adapters.

User-Friendly Keyboard and Trackpad

The backlit Magic Keyboard offers comfortable typing with Touch ID for secure login. The Force Touch trackpad provides precise control, pressure-sensitive drawing, and intuitive gestures. Built-in ambient light sensors adapt the keyboard lighting for any environment.

Compact Design, Maximum Performance

Weighing just 2.14 kg and measuring 16.8 mm in height, the MacBook Pro combines portability with powerful internals. Its sleek Space Black finish adds a professional touch, making it ideal for office, studio, or travel use.

Accessibility and Compatibility

Apple ensures that every MacBook Pro is accessible, offering built-in support for vision, hearing, mobility, and learning. VoiceOver, Voice Control, Switch Control, Live Captions, and other accessibility features make it easy for anyone to use and create effortlessly.

In the Box

- 16-inch MacBook Pro
- USB-C to MagSafe 3 Cable (2 m)
- Power Adapter sold separately

Specifications:

Brand	Apple
Year released	2026
SKU	MBP-16-INCH-M5-PRO-MAX
Screen size	16-inch
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
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 24 hours video streaming
	Up to 17 hours wireless web
	100-watt-hour lithium-polymer battery18
	140W USB-C Power Adapter
	USB-C to MagSafe 3 Cable (2 m)
	Fast-charge capable with included 140W USB-C Power Adapter
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):2.14kg
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-computers.co.za/Buy-Notebooks-Laptops-MGEA4-Apple-MacBook-Pro-16-M5-Notebook-Apple-M5-Pro-18-core-lp-342151.php

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