ComX Computers
Product Specification Sheet

MHWY4ZE/A

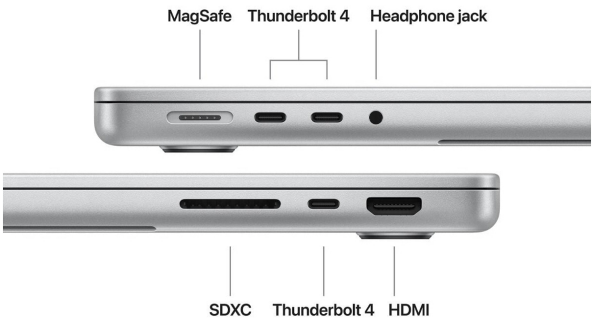
Apple MacBook Pro 14 M6 Notebook M6 12 Core CPU 32GB 1TB 14.2" Retina XDR BT macOS

Product Overview

Apple MacBook Pro 14 M6 MHWY4ZE/A Silver Notebook, Apple M6 chip 12-core CPU with 2 super cores & 4 performace cores & 6 efficiency cores & 12-core GPU & 16-core Neural Engine, 32GB unified memory, Supports 32GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 14.2" Retina XDR (3024 x 1964 resolution) Glossy Type 1000 nits LED Backlit Display, 12-core GPU onboard, 16-core Neural Engine, Wi-Fi 7, Bluetooth, Webcam, Backlit Keyboard, 3x Thunderbolt 4 (USB-C) ports, HDMI output, SDXC card slot, 1.6 kg, macOS , 1 Year Carry in warranty











Specifications

Summary Overview:

Upgrade your workflow with the brand new Apple MacBook Pro 14 featuring the powerful M6 chip, designed specifically for demanding creative and professional tasks. This sleek silver notebook combines incredible speed with all-day battery life, making it the perfect companion for South African professionals who need reliability on the go.

Experience stunning visuals on the Liquid Retina XDR display and enjoy seamless connectivity with Wi-Fi 7 and Bluetooth 6. Whether you are editing high-resolution video or managing complex projects, this machine delivers exceptional performance. Secure your unit today and elevate your productivity by buying now from our online store.

Laptop performance tier: Premium Professional

Uses: Video Editing, Graphic Design, Software Development, Data Analysis, 3D Modeling, Content Creation

Overview:

The Apple MacBook Pro 14 M6 (Part Number MHWY4ZE/A) redefines what a professional laptop can do, combining incredible speed with powerful on-device AI capabilities. Designed for personal, professional, and creative workflows, this Silver Notebook delivers all-day battery life, ultrafast storage speeds, and a breathtaking Liquid Retina XDR display that makes every image pop with vivid detail.

Description

This 14-inch powerhouse is built to handle the most demanding tasks with ease. It features the advanced Apple M6 chip which brings incredible speed and on-device AI processing to your fingertips, ensuring you can work efficiently whether you are editing high-resolution video or running complex data models. The device includes a stunning 14.2-inch Retina XDR display with up to 1000 nits of sustained brightness and 1600 nits peak brightness for HDR content, along with a 32GB unified memory configuration that allows you to keep dozens of apps open without slowing down.

At the heart of this machine is the Apple M6 chip, which features a 12-core CPU composed of 2 super cores, 4 performance cores, and 6 efficiency cores. This architecture ensures that demanding tasks are handled with lightning speed while maintaining energy efficiency for longer battery life. The GPU boasts 12 cores equipped with Neural Accelerators and hardware-accelerated ray tracing, making it ideal for graphics-intensive work and gaming. Furthermore, the dual 16-core Neural Engine enables on-device AI to soar, processing LLM prompts and custom agents up to 13 times faster than previous generations while keeping your data private and secure.

The display is a true masterpiece of engineering, offering a 14.2-inch Liquid Retina XDR screen with a native resolution of 3024 by 1964 pixels at 254 pixels per inch. With an extreme dynamic range, a contrast ratio of 1,000,000:1, and support for ProMotion technology with adaptive refresh rates up to 120Hz, the screen delivers smooth scrolling and incredibly sharp visuals. It covers 1 billion colors in the P3 wide color gamut and utilizes True Tone technology to adjust the display to your

environment.

Connectivity is seamless with the latest Apple N1 wireless networking chip supporting Wi-Fi 7 and Bluetooth 6, ensuring you stay connected at top speeds. The laptop includes three Thunderbolt 4 ports that support charging, DisplayPort, and data transfer speeds up to 40Gb/s. Additional connectivity options include an SDXC card slot for photographers, a full-size HDMI port for external displays or projectors, a MagSafe 3 port for fast charging, and a headphone jack with advanced support for high-impedance headphones.

The camera and audio systems are equally impressive, featuring a 12MP Center Stage camera that automatically keeps you centered in the frame during video calls. The system includes three studio-quality microphones with Voice Isolation to ensure your voice comes through clearly even in noisy environments. For sound, a high-fidelity six-speaker system delivers wide stereo sound and supports Spatial Audio with Dolby Atmos for an immersive listening experience.

Battery life is designed to last all day, offering up to 24 hours of video streaming or up to 16 hours of wireless web browsing on a single charge. The 72.4-watt-hour lithium-polymer battery supports fast charging with a 96W or higher USB PD power source, allowing you to get back to work quickly.

The keyboard is a Backlit Magic Keyboard featuring 78 keys including a Touch ID sensor for secure authentication and convenient payments. The Force Touch trackpad provides precise cursor control and pressure-sensing capabilities for intuitive gestures. Security is built-in with FileVault encryption, antivirus protection, and automatic software updates to keep your Mac running smoothly.

If you are already part of the Apple ecosystem, this MacBook Pro integrates perfectly with your iPhone and iPad. You can view and control your iPhone from your Mac using iPhone Mirroring, copy content on one device and paste it on the other, send texts via Messages, or answer FaceTime calls directly from your laptop.

Features:

Key Specifications

- Processor:Apple M6 chip with 12-core CPU (2 super cores, 4 performance cores, 6 efficiency cores) and 12-core GPU
- Memory:32GB unified memory (supports up to 32GB max)
- Storage:1TB SSD PCIe solid state drive
- Display:14.2-inch Liquid Retina XDR, 3024x1964 resolution, 1000 nits sustained brightness, 1600 nits peak (HDR), ProMotion up to 120Hz
- Camera:12MP Center Stage camera with Desk View support
- Audio:Six-speaker sound system with Spatial Audio and three-mic array
- Connectivity:Wi-Fi 7, Bluetooth 6, Three Thunderbolt 4 ports, HDMI port, SDXC card slot, MagSafe 3, 3.5mm headphone jack
- Battery:Up to 24 hours video playback, 72.4Wh battery
- Dimensions:1.55 cm height x 31.26 cm width x 22.12 cm depth
- Weight:Approximately 1.55 kg to 1.6 kg

What's in the Box

- 14-inch MacBook Pro (Silver)
- USB-C to MagSafe 3 Cable (2 meters)

Specifications:

In The Box	14-inch MacBook Pro
	USB-C to MagSafe 3 Cable (2 m)
Brand	Apple
Year released	2026
SKU	MHWY4ZE/A
Screen size	14-inch
Storage	1TB SSD

Model	Apple M6
Memory	32GB unified memory
Processor	Apple M6 chip. 12-core CPU with 2 super cores, 4 performance cores, and 6 efficiency cores 12-core GPU Neural Accelerators Hardware-accelerated ray tracing Dual 16-core Neural Engine 170GB/s memory bandwidth
Display	Liquid Retina XDR display
	14.2-inch (diagonal) Liquid Retina XDR display , 3024-by-1964 native resolution at 254 pixels per inch
	XDR (Extreme Dynamic Range)
	1,000,000:1 contrast ratio
	XDR brightness: up to 1000 nits sustained full-screen,3 1600 nits peak (HDR content only)
	SDR brightness: up to 1000 nits (outdoor)
	1 nit minimum brightness
	Color
	1 billion colors
	P3 wide color gamut
	True Tone technology
	Refresh rates
	ProMotion technology with 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 4 (USB-C) ports with support for:
	Charging
	DisplayPort
	Thunderbolt 4 (up to 40Gb/s)
	USB 4 (up to 40Gb/s)
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
	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 16 hours wireless web
	72.4-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: 60W
	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: 1.55 cm
	Width: 31.26 cm
	Depth: 22.12 cm
	Weight: 1.55 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 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
	Closed Captions
	Live Captions
	Personal Voice and Live Speech

FAQ

Can I upgrade the memory on this MacBook Pro later?

No, this model features 32GB of unified memory that is integrated into the system. There are no memory slots available for upgrades after purchase.

How long does the battery last and how do I charge it?

The device offers up to 24 hours of video streaming or 16 hours of wireless web usage. It includes a MagSafe 3 port for charging, though you can also use a USB-C power adapter with at least 60W (96W recommended for fast-charging).

What external displays and peripherals can I connect?

This laptop supports up to two external displays via its three Thunderbolt 4 ports. It also includes an HDMI port, SDXC card slot, headphone jack, and MagSafe 3 charging connection.

Does this model support the latest wireless standards and AI features?

Yes, it is equipped with Wi-Fi 7 and Bluetooth 6 for high-speed connectivity. The Apple M6 chip includes a dual 16-core Neural Engine to handle demanding on-device AI tasks efficiently.

What comes in the box when I order this notebook?

The package includes the 14-inch MacBook Pro and a USB-C to MagSafe 3 cable that is 2 meters long. It does not include an optical drive or power brick.

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-MHWY4ZE-A-Apple-MacBook-Pro-14-M6-Notebook-M6-12-Core-CPU-32GB-lp-342016.php

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