



**Notebook APPLE
MacBook Pro
MacBook Pro M5
14.2 3024x1964
RAM 16GB SSD
512GB 10-core
GPU ENG Card
Reader SDXC
macOS Tahoe
Space Black
1.55 kg
MDE04ZE/A**

Model: MDE04ZE/A

Manufacturer: APPLE

EAN: 195950489194

Product Code: 550819

R37,658

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MacBook Pro

14-inch model. Now supercharged by M5.

- M5, M4 Pro, and M4 Max. One big, powerful family
- A powerful platform for artificial intelligence. Smart to the core
- Longest battery life ever in a Mac. Up to 24 hours. Hit the road, Mac
- macOS Tahoe. Stunning Liquid Glass design, intuitive productivity tools, and a reimagined Spotlight
- Live Activities and the Phone app. Stay in touch without touching your phone.

Summary: Apple MacBook Pro 14-inch : M5 chip with 10-core CPU and 10-core GPU, 16GB, 512GB SSD - Space Black. Product type: Laptop, Form factor: Clamshell. Processor family: Apple M, Processor model: M5. Display diagonal: 36.1 cm (14.2"), Display resolution: 3024 x 1964 pixels. Internal memory: 16 GB. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Apple GPU. Operating system installed: macOS Tahoe. Product colour: Black. Weight: 1.55 kg | Vendor Homepage: <https://www.apple.com/macbook-pro/> | Processor manufacturer: Apple | Processor family: Apple M | Processor generation: Apple M 5th Gen | Processor model: M5 | Processor cores: 10 | Performance cores: 4 | Efficient cores: 6 | Display diagonal: 14.2 | Display resolution: 3024 x 1964 | Panel type: Mini LED | Touchscreen: No | Display technology marketing name: Liquid Retina XDR | Display number of colours: 1.073 billion colours | Display glass type: Standard glass | Display brightness: 1000 | Maximum display brightness (HDR): 1600 | Standard Dynamic Range (SDR) brightness: 1000 | Pixel density: 254 | True Tone technology: Yes | Maximum refresh rate: 120 | Contrast ratio (typical): 1000000:1 | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby Vision/Extreme Dynamic Range (XDR)/High Dynamic Range 10 (HDR10)/High Dynamic Range 10+ (HDR10 Plus)/Hybrid Log-Gamma (HLG) | ProMotion technology: Yes | Number of external displays supported: 2 | Colour name: Space Black | Product type: Laptop | Product colour: Black | Form factor: Clamshell | Housing material: Aluminium | Market positioning: Everyday | Introduction year: 2025 | Introduction month: October | Neural processor unit (NPU): Apple Neural Engine (ANE) | Neural processor unit (NPU) cores: 16 | Internal memory: 16 | Memory form factor: On-board | Total storage capacity: 512 | Storage media: SSD | Total SSDs capacity: 512 | Number of SSDs installed: 1 | SSD capacity: 512 | Intel® Optane™ Memory module installed: No | Optical drive type: No | Card reader integrated: Yes | Compatible memory cards: SDXC | Discrete

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graphics card: No | Discrete graphics card model: Not available | On-board GPU manufacturer: Apple | On-board graphics card: Yes | On-board graphics card family: Apple | On-board graphics card model: Apple GPU | On-board graphics card cores: 10 | On-board graphics card 4K support: Yes | On-board graphics card 6K support: Yes | Ray tracing acceleration: Yes | Memory bandwidth (max): 153 | Spatial audio: Yes | Number of built-in speakers: 6 | Built-in microphone: Yes | Number of microphones: 3 | Audio formats supported: AAC/ALAC/FLAC/MP3 | Dolby technologies: Dolby Atmos/Dolby Digital/Dolby Digital Plus | Front camera: Yes | Front camera resolution (numeric): 12 | Front camera HD type: Full HD | Front camera resolution: 1920 x 1080 | Mobile network generation: Not supported | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Mobile network connection: No | Wi-Fi standards: Wi-Fi 6E (802.11ax) | Ethernet LAN: No | Bluetooth: Yes | Bluetooth Low Energy (BLE): Yes | Bluetooth version: 5.3 | HDMI ports quantity: 1 | Thunderbolt 4 ports quantity: 3 | Intel® Thunderbolt 4: Yes | Headphone outputs: 1 | Docking connector: Yes | Charging port type: MagSafe 3 | Headphone connectivity: 3.5 mm | USB Type-C DisplayPort Alternate Mode: Yes | Ambient light sensor: Yes | Voice control: Yes | Pointing device: Trackpad | Keyboard backlit: Yes | Numeric keypad: No | Pressure sensing trackpad: Yes | Apple Intelligence: Yes | Pre-installed software: App Store, Books, Calendar, Contacts, FaceTime, Find My, Freeform, Games, GarageBand, Home, iMovie, iPhone Mirroring, Journal, Keynote, Mail, Maps, Messages, Music, News, Notes, Numbers, Pages, Passwords, Phone, Photo Booth, Photos, Podcasts, Preview, Qui | Operating system installed: macOS Tahoe | Video decode engine: Yes | Video encode engine: Yes | Brand specific technologies: Wide color (P3) | Accessibility features: Closed Captions, Increase Contrast, Reduce Motion, Siri and Dictation, Switch Control, Text to Speech, Voice control, VoiceOver, Zoom | Battery technology: Lithium Polymer (LiPo) | Battery capacity: 72.4 | Browsing time (Wi-Fi) (max): 16 | Continuous video playback time (max): 24 | Fast charging: Yes | AC adapter power: 70 | AC adapter frequency: 50 - 60 | AC adapter input voltage: 100 - 240 | USB Type-C charging port: Yes | USB Type-C required charging power (max): 96 | USB Type-C required charging power (min): 60 | USB Power Delivery (USB PD): Yes | Fingerprint reader: Yes | Operating temperature (T-T): 10 - 35 | Storage temperature (T-T): -25 - 45 | Operating relative humidity (H-H): 0 - 90 | Operating altitude: 0 - 3000 | Maximum storage altitude: 4500 | Maximum shipping altitude: 10500 | AC adapter included: No | Cables included: USB Type-C to MagSafe 3 | Width: 312.6 | Depth: 221.2 | Height: 15.5 | Weight: 1550 | Package width: 61.2 | Package depth: 356.8 | Package height: 263.8 | Package weight: 2340 | Sustainability certificates: ENERGY STAR | Video formats supported: AV1/H.264/HEVC/ProRes | Warranty period: 1 | Unit Calculated Weight: 2.73 | Product Net Weight: 1.55 | Unit Calculated Volume: 0.00915 | Units per Shipping Box: 1 | Unit Width: 30.5 | Units per Pallet: 0 | Shipping Box Height: 7.5 | Unit Depth: 40 |

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Unit Height: 7.5 | Name: NB MACBOOK PRO M5 14"/16/512GB MDE04ZE/A APPLE | NB Family name: MacBook Pro | Model name: 14-inch MacBook Pro: Apple M5 chip with 10-core CPU and 10-core GPU, 16GB, 512GB SSD - Space Black

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