MRW73ZE/A

16-inch MacBook Pro: Apple M3 Max chip with 14_core CPU and 30_core GPU, 1TB SSD - Silver,Model A2991

Brand: APPLE

EAN: 195949076411

Warranty: 12 month(s)

Technical Specification

Processor

CPU	Apple M3 Max
CPU Core Quantity	14
Neural Engine Core Quantity	16
Chipset	System on Chip (SoC)

Memory

Memory Capacity	36 GB
Memory Bandwidth	300 GB/s

Storage

Storage Capacity	1 TB SSD

Display

Diagonal Length	16.2"
Display Type	LCD
Display Color	Color
Maximum Resolution	3456x2234
Display Features	Wide Color Gamut (P3) True Tone technology 1600 Nits Peak Brightness 1000 nits Brightness Liquid Retina XDR Display 1 Billion Colors 1.000.000:1 contrast ratio SDR brightness: 600 nits ProMotion technology for adaptive refresh rates up to 120Hz Fixed refresh rates: 47.95Hz, 48.00Hz, 50.00Hz, 59.94Hz, 60.00Hz

Video Output

GPU Core Quantity	30

Networking Specifications

Wi-Fi	IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n Wi-Fi 4 IEEE 802.11ac Wi-Fi 5 IEEE 802.11ax Wi-Fi 6E
Bluetooth	Bluetooth 5.3

Interface Provided

Thunderbolt/USB 4	3 (USB Type-C)
Headphones	1 (3.5-mm minijack)
HDMI	1 (HDMI (Type A))

System

System Type	Notebook
Keyboard Features	Backlit Keyboard Ambient Light Sensor Force Touch Trackpad Magic Keyboard Force Click Accelerators Pressure-Sensitive Drawing Multi-Touch Gestures
Keyboard Localization	International English
Touch Bar	without Touch Bar
Built-in Devices	Touch ID Voice Control VoiceOver Zoom Increase Contrast Reduce Motion Siri and Dictation Switch Control Closed Captions Text to Speech
Flash Types Supported	SDXC
Audio/Video Features	Highfidelity sixspeaker system with forcecancelling woofers Wide stereo sound Studioquality three-mic array with high signal-to-noise ratio and directional beamforming Support Thunderbolt 4 digital video output Spatial audio with dynamic head tracking when using AirPods (3rd generation), AirPods Pro, and AirPods Max 3.5mm headphone jack with advanced support for

high-impedance headphones
Supported formats include HEVC, H.264, and ProRes HDR with Dolby Vision, HDR10, and HLG
Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos
Support for Spatial Audio when playing music or video with Dolby Atmos on built-in speakers
HDMI digital video output
Simultaneously supports full native resolution on the built-in display at 1 billion colors

Support native DisplayPort output over USBC
Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW
Video decode engine
Two video encode engines
Two ProRes encode and decode engines
HDMI port supports multi-channel audio output
Up to four external displays
Up to three displays: Two displays with up to 6K resolution at 60Hz over Thunderbolt and one display with up to 4K resolution at 60Hz over HDMI
One display with up to 8K resolution at 60Hz or 4K resolution at 240Hz over HDMI
Support for one display with up to 8K resolution at 60Hz or 4K resolution at 240Hz
Hardware-accelerated ray tracing
AV1 decode
Advanced image signal processor with computational video
Up to three external displays with 6K resolution at 60Hz over Thunderbolt and one external display with up to 4K resolution at 144Hz over HDMI

Included Accessories	MacBook Pro USB-C Power Adapter
Cable Included	USB-C to MagSafe 3 Cable (2 m)
External Color	Silver
Features that Reduce Environmental Impact	Meets ENERGY STAR Requirements Mercury-Free PVC free Arsenic-Free Display Glass BFR Free Beryllium-free 100% recycled aluminum enclosure 35% or more recycled plastic in multiple components 100% of virgin wood fiber comes from responsibly managed forests Apple's Zero Waste Program helps suppliers eliminate waste sent to landfill 100% recycled rare earth elements in all magnets 100% recycled tin in multiple printed circuit boards 100% recycled gold in the plating of multiple printed circuit boards 36% recycled or renewable content in the device 100% recycled copper in the finstack of the heat sink 100% fiber-based packaging 41% emissions reduction against baseline

Software

Platform Compability	Mac
Installed Operating System	Apple macOS Sonoma

Power

Power Device Location	External
Input Voltage	AC 100-240 V
Input Frequency	50/60 Hz
Included Power Adapter Output Power	140 W
Power Port Connector Type	USB-C

Battery

Battery Technology	Lithium Polymer
Battery Installed Quantity	1
Maximum Battery Supported Quantity	1
Battery Current Capacity	100 WHr

Dimensions&Weight Device

Depth (mm)	248.1 mm
Height (mm)	16.8 mm
Width (mm)	355.7 mm
Nominal Weight	2.16 kg

Environment

Maximum Operating Ambient Temperature	35 °C
Minimum Operating Ambient Temperature	10 °C
Maximum Non-Operating Ambient Temperature	45 °C
Minimum Non-Operating Ambient Temperature	-25 °C
Max. Relative Humidity Non-Condensing	90 %
Min. Relative Humidity Non-Condensing	0 %
Max. Altitude Operating	10000 ft
Max. Altitude Storage	15000 ft
Max. Altitude Shipping	35000 ft

Warranty

Warranty Products Returnable	Yes

Warranty Term (month)	12 month(s)
Warranty Validation Criteria	Serial Number

Logistic

Entity Code	All
Pack Weight Brutto (kg)	3 kg
Pack Weight Netto (kg)	2 kg
Pieces in pack	1
Box Weight Brutto (kg)	3 kg
Retail Packaging Net Weight Carton	1 kg
Retail Packaging Net Weight Plastic	1 kg
Packs in Box	1
Package Type	Box
EAN Code	195949076411

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