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> Apple Mac Studio M2 Max Instruction Manual

## Apple MQH73LL/A

# Apple Mac Studio M2 Max Instruction Manual

Model: MQH73LL/A

## INTRODUCTION

The Apple Mac Studio is a powerful desktop computer designed for creative professionals, featuring the M2 Max chip with a 12-core CPU and 30-core GPU. It offers extensive connectivity and is engineered for demanding tasks such as video editing and 3D rendering. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Mac Studio.

## WHAT'S IN THE BOX

Upon opening the Mac Studio packaging, you will find the following items:

- Mac Studio unit
- Power cord
- Documentation (including safety and compliance information)
- Apple stickers

# What's in the Box

## Mac Studio



## Power cord



Image: The Mac Studio and its power cord as packaged inside the box.

## SETUP

### Unboxing and Initial Inspection

Carefully remove the Mac Studio from its packaging. The packaging is designed for easy access; pull the tab to open the box, then fold down the sides to lift the unit out. Inspect the device for any visible damage before proceeding with setup.



Image: Top view of the Apple Mac Studio, showcasing its compact design and the Apple logo.

## **Connecting Peripherals**

Connect your display, keyboard, mouse, and other peripherals to the appropriate ports on the Mac Studio. The power cable features a unique three-pin design and is approximately 6 feet in length, with a durable, fabric-like exterior.



Image: Front view of the Mac Studio, showing the power indicator, SD card slot, and two USB-C ports.



Image: Rear view of the Mac Studio, displaying the four Thunderbolt 4 ports, 10 Gigabit Ethernet, power input, two USB-A ports, HDMI, and a high-impedance headphone jack.

#### Available Ports:

- **Front:** 2x USB-C (10Gbps), 1x SD Card Slot, Power Indicator
- **Rear:** 4x Thunderbolt 4 ports, 1x 10 Gigabit Ethernet port, 1x Power Input, 2x USB-A ports, 1x HDMI port, 1x High-Impedance Headphone Out

#### Powering On

Once all peripherals are connected, plug the power cord into a wall outlet. Press the power button located on the rear of the Mac Studio to turn on the device. Follow the on-screen instructions for initial macOS setup.

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## OPERATING SYSTEM

The Mac Studio runs on Apple's macOS operating system. Upon first boot, you will be guided through a setup assistant to configure your language, region, Wi-Fi, Apple ID, and other essential settings. For detailed information on using macOS, please refer to Apple's official support documentation: [Apple macOS Support](#).

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## SPECIFICATIONS

Feature	Detail
Processor	Apple M2 Max chip (12-core CPU, 30-core GPU, 16-core Neural Engine)
Memory	32GB Unified Memory (Configurable up to 96GB)
Storage	512GB SSD (Configurable up to 8TB)
Display Support	Supports up to 5 displays simultaneously (4x 6K via Thunderbolt 4, 1x 4K via HDMI)
Connectivity	Thunderbolt 4, USB-A, HDMI, 10Gb Ethernet, SD Card Slot
Dimensions (HxWxD)	3.7 x 7.7 x 7.7 inches (9.4 x 19.7 x 19.7 cm)
Weight	5.9 pounds (2.7 kg)
Operating System	macOS

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## MAINTENANCE

### Cleaning

To clean your Mac Studio, use a soft, lint-free cloth. Avoid using abrasive cloths, towels, paper towels, or similar items that could scratch the enclosure. Do not use aerosol sprays, solvents, or abrasives. If necessary, lightly dampen the cloth with water. Ensure no moisture enters any openings.

### Software Updates

Regularly update your macOS to ensure optimal performance, security, and access to the latest features. You can check for updates in System Settings (or System Preferences) under 'General' > 'Software Update'.

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## TROUBLESHOOTING

If you encounter issues with your Mac Studio, consider the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the Mac Studio and a working electrical outlet.
- **No Display:** Verify that your display cables (HDMI, Thunderbolt) are firmly connected to both the Mac Studio and the monitor. Check the monitor's input source settings.
- **Slow Performance:** Close unnecessary applications, check your storage space (ensure at least 15-20% free), and restart the Mac Studio.

- **Peripheral Not Recognized:** Try disconnecting and reconnecting the peripheral. Test it in a different port or with another device if possible.
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## WARRANTY AND SUPPORT

Your Apple Mac Studio is covered by Apple's standard limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit Apple's official website. For technical support, service, and additional resources, please visit: [Apple Mac Studio Support](#).

The Mac Studio also features a Kensington lock slot on the bottom for physical security, allowing you to secure the device to a desk or workstation.