

## Apple(MU963FN/A)

**Apple Mac Studio - USFF M4 Max up to - RAM 36 GB - SSD 512 GB - Apple M4 Max 32-core - Gigabit Ethernet, 2.5 Gigabit Ethernet, 5 Gigabit Ethernet, 10 Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6E), Bluetooth 5.3 - macOS Sequoia 15.0 - monitor: none - silver**

Mac Studio. The ultimate pro desktop with the phenomenal M4 Max chip. With massive memory, mind-bending graphics, next-level AI capabilities and superfast Thunderbolt 5 ports, Mac Studio is a powerhouse in a compact and quiet design. Built for Apple Intelligence [1].



## Key Selling Points

Mac Studio. Built for Apple Intelligence.

## Product Features

### **SUPERCHARGED BY M4 Max**

Take on extreme workflows, from detailed visual effects and 3D animation to film scoring. The powerful Neural Engine supports AI assistance in complex tasks, and the advanced GPU architecture supports Dynamic Caching, mesh shading and ray tracing.

### **PHENOMENAL MEMORY AND STORAGE**

Get up to 128GB unified memory and up to 8TB storage with M4 Max [2].

### **BUILT FOR APPLE INTELLIGENCE**

Apple Intelligence is the personal intelligence system that helps you write, express yourself and get things done effortlessly. With groundbreaking privacy protections, it gives you peace of mind that no one else can access your data - not even Apple [1].

### **FITS RIGHT ON YOUR DESK**

The compact 19.7-centimetre square Mac Studio enclosure is designed to fit perfectly under most displays.

### **RUNS COOL AND QUIET**

The thermal system is designed to let you fly through intensive tasks at incredible speeds while keeping Mac Studio quiet, so it never interferes with your workflow.

### **POWERFUL CONNECTIONS**

Mac Studio with M4 Max features four Thunderbolt 5 ports and two USB-A ports, an HDMI port, an SDXC card slot and a headphone jack. Supports up to five external displays.

### **PRO APPS FLY**

Choose from tens of thousands of apps, including powerful AI ready and pro apps like DaVinci Resolve Studio, Final Cut Pro and Adobe Photoshop [3].

### **IF YOU LOVE IPHONE, YOU'LL LOVE MAC**

Mac works like magic with your other Apple devices. View and control what's on your iPhone from your Mac with iPhone Mirroring [4]. Copy something on iPhone and paste it on Mac. Send texts with Messages or use your Mac to make and answer FaceTime calls [5].

### **Legal**

Configurable options are available.

**[1] Apple Intelligence is available in beta on all Mac models with M1 and later, with Siri and device language set to English (Australia, Canada, Ireland, New Zealand, South Africa, UK, or U.S.), as a macOS Sequoia update. Additional features and Chinese (Simplified), English (India, Singapore), French, German, Italian, Japanese, Korean, Portuguese (Brazil), and Spanish language support available in early April, with more languages coming over the course of the year, including Vietnamese. Some features may not be available in all regions or languages.**

[2] 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.

**[3] Apps are available on the App Store. Software and content may be sold separately. Title availability is subject to change.**

[4] Available on Mac computers with Apple silicon and Intel-based Mac computers with a T2 Security Chip. Requires that your iPhone and Mac are signed in with the same Apple Account using two-factor authentication, your iPhone and Mac are near each other and have Bluetooth and Wi-Fi turned on, and your Mac is not using AirPlay or Sidecar. Some iPhone features (e.g. camera and microphone) are not compatible with iPhone Mirroring.

**[5] FaceTime is not available in all countries or regions.**

## Main Specifications

Product Description	Apple Mac Studio - USFF M4 Max - 36 GB - SSD 512 GB
Type	Personal computer - USFF
Localisation	Language: French / region: France, Belgium, Luxembourg
Processor	Apple M4 Max (14-core)
Processor Main Features	Hardware-accelerated ray tracing, 16-core Neural Engine, 410 GB/s memory bandwidth, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, 2 video encode engines, 4 video encode engines, 4 ProRes encode and decode engines, AV1 decode, Apple Intelligence compatible
RAM	36 GB
Hard Drive	SSD 512 GB - soldered
Optical Storage	No optical drive
Card Reader	Yes
Graphics Controller	Apple M4 Max 32-core
Supported Digital Video Standards	H.264, HEVC, ProRes, ProRes RAW, AV1
Networking	1GbE, 2.5GbE, 5GbE, 10GbE, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6E, Bluetooth 5.3
Power	(50/60 Hz)
OS Provided	Apple macOS Sequoia 15.0
Software Included	App Store, Apple Books, Calendar, Contacts, Apple FaceTime, Find My, Apple Freeform, Apple GarageBand, Home, Apple iMovie, iPhone Mirroring, Apple Keynote, Mail, Maps, Messages, Music, News, Notes, Apple Numbers, Apple Pages, Passwords, Photo Booth, Photos, Podcasts, Apple Preview, Apple QuickTime Player, Reminders, Apple Safari, Apple Shortcuts, Stocks, Apple Time Machine, Tips, Apple TV, Voice Memos, Weather, Siri
Colour	Silver
Dimensions (WxDxH)	19.7 cm x 19.7 cm x 9.5 cm
Weight	2.74 kg
Environmental Standards	ENERGY STAR Qualified
Carbon Footprint	276 kg carbon emissions
Rare Earth Materials	90% recycled rare earth elements
Manufacturer Warranty	Limited warranty - 1 year   Technical support - phone consulting - 90 days

## Extended Specification

### General

Type	Personal computer
Product Form Factor	USFF
Built-in Devices	Speaker
Colour	Silver
Localisation	Language: French / region: France, Belgium, Luxembourg

### Expansion / Connectivity

Interfaces	4 x Thunderbolt 5/USB4/DisplayPort 2.1 - Type C (4 rear)   2 x USB 3.0 - Type A (2 rear)   1 x HDMI   1 x LAN (10Gigabit Ethernet) - RJ-45 (1 rear)   1 x headphones - mini-jack (1 rear)   2 x USB - Type C (2 in front)
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### Manufacturer Warranty

Service & Support	Limited warranty - 1 year   Technical support - phone consulting - 90 days
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## RAM

Installed Size	36 GB
Configuration Features	Unified memory

## Networking

Wireless LAN Supported	Yes
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, 2.5 Gigabit Ethernet, 5 Gigabit Ethernet, 10 Gigabit Ethernet, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E), Bluetooth 5.3

## Miscellaneous

Included Accessories	Accessory kit
Compliant Standards	Mercury-free, BFR-free, PVC-free

## Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Consumption Operational	480 Watt

## Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	5 - 95% RH (non-condensing)

## Optical Storage

Type	No optical drive
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## Operating System / Software

OS Provided	Apple macOS Sequoia 15.0
Software	App Store, Apple Books, Calendar, Contacts, Apple FaceTime, Find My, Apple Freeform, Apple GarageBand, Home, Apple iMovie, iPhone Mirroring, Apple Keynote, Mail, Maps, Messages, Music, News, Notes, Apple Numbers, Apple Pages, Passwords, Photo Booth, Photos, Podcasts, Apple Preview, Apple QuickTime Player, Reminders, Apple Safari, Apple Shortcuts, Stocks, Apple Time Machine, Tips, Apple TV, Voice Memos, Weather, Siri

## Monitor

Monitor Type	None.
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## Graphics Controller

Graphics Processor	Apple M4 Max 32-core
Video Interfaces	HDMI, USB-C
Max Monitors Supported	5

## Hard Drive

Type	SSD - soldered
Capacity	1 x 512 GB

## Dimensions & Weight

Width	19.7 cm
Depth	19.7 cm
Height	9.5 cm

Weight 2.74 kg

#### Card Reader

Type Card reader  
Supported Flash Memory Cards SDXC UHS-II Memory Card

#### Multimedia Functionality

Supported Digital Video Standards H.264, HEVC, ProRes, ProRes RAW, AV1

#### Processor / Chipset

CPU Apple M4 Max  
Number of Cores 14-core  
CPU Qty 1  
Max CPU Qty 1  
Processor Main Features Hardware-accelerated ray tracing, 16-core Neural Engine, 410 GB/s memory bandwidth, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, 2 video encode engines, 4 video encode engines, 4 ProRes encode and decode engines, AV1 decode, Apple Intelligence compatible

#### Sustainability Information

ENERGY STAR Certified Yes  
Carbon Footprint 276 kg carbon emissions  
Rare Earth Materials 90% recycled rare earth elements

\*TD SYNEX is not responsible for errors in the documentation of products.