Mac Studio NEW(MU973B/A)

Mac Studio M3 Ultra chip 28 core CPU 60 core GPU - 96GB - 1TB - Z1CE

Mac Studio. The ultimate pro desktop with the powerful M3 Ultra 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.

Key Selling Points

Mac Studio. Built for Apple Intelligence.

Product Features

SUPERCHARGED BY M3 Ultra
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 512GB unified memory and up to 16TB storage with M3 Ultra [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 M3 Ultra features six Thunderbolt 5 ports and two USB-A ports, an HDMI port, an SDXC card slot and a headphone jack. Supports up to eight 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 M3 Ultra - 96 GB - SSD 1 TB
Type	Personal computer - USFF
Localisation	Language: English / region: United Kingdom
Processor	Apple M3 Ultra (28-core)
Processor Main Features	Hardware-accelerated ray tracing, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, 2 video decode engines, 4 video encode engines, 4 ProRes encode and decode engines, AV1 decode, 819 GB/s memory bandwidth
Neural Processor Unit (NPU)	32-core Neural Engine
RAM	96 GB
Hard Drive	SSD 1 TB
Optical Storage	No optical drive
Card Reader	Yes
Graphics Controller	Apple M3 Ultra 60-core
Supported Digital Video Standards	H.264, HEVC, ProRes, ProRes RAW, AV1
Networking	1GbE, 802.11a, 10GbE, 802.11b/g/n, Wi-Fi 5, 5GbE, 2.5GbE, Wi-Fi 6E, Bluetooth 5.3
Power	(50/60 Hz)
OS Provided	Apple macOS Sequoia 15.0
Software Included	Apple iMovie, Apple Safari, Apple GarageBand, Photo Booth, Apple Time Machine, Apple FaceTime, Apple Preview, Mail, Maps, Photos, Reminders, App Store, Music, Contacts, Stocks, Notes, Weather, Calendar, Siri, Messages, Apple Keynote, Apple Pages, Apple Numbers, News, Voice Memos, Podcasts, Home, Apple TV, Find My, Apple Books, Apple Shortcuts, Apple QuickTime Player, Apple Freeform, iPhone Mirroring, Tips, Passwords
Apple Intelligence	Yes
Colour	Silver
Dimensions (WxDxH)	19.7 cm x 19.7 cm x 9.5 cm
Weight	3.64 kg
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	382 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: English / region: United Kingdom

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 Thunderbolt 5 - Type C (2 in front)

Manufacturer Warranty

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

RAM

Installed Size	96 GB
Configuration Features	Unified memory

Networking

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

Miscellaneous

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

Operating System / Software

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

Monitor

Monitor Type	None.

Graphics Controller

Graphics Processor	Apple M3 Ultra 60-core
Video Interfaces	HDMI, USB-C
Max Monitors Supported	8

Hard Drive

Type	SSD
Capacity	1 x 1 TB

Dimensions & Weight

Width	19.7 cm
Depth	19.7 cm

Height	9.5 cm
Weight	3.64 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 M3 Ultra
Number of Cores	28-core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	Hardware-accelerated ray tracing, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, 2 video decode engines, 4 video encode engines, 4 ProRes encode and decode engines, AV1 decode, 819 GB/s memory bandwidth

Sustainability Information

EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	382 kg carbon emissions
Rare Earth Materials	90% recycled rare earth elements

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	32-core Neural Engine

What's in the box

Apple Mac Studio
Accessory kit