

# Switch to Mac—Now's the Perfect Time

The all-new Mac Studio, powered by M4 Max and the latest M3 Ultra chips, is now available.



## Mac Studio

With powerful performance and an optimized AI ecosystem, Mac Studio can efficiently run large language models exceeding **600B** parameters, delivering exceptional value.

Designed for individuals, businesses, and schools.

Mac Studio is the ultimate device for unlocking AI's full potential.

### Optimized AI Ecosystem

**MLX**    **PyTorch**

    **TensorFlow**



Gemma



deepseek

### Faster AI Processing

**16.9x** Faster LLM Inference

Accelerate token generation in LM Studio when handling trillion-

**9x** Faster AI Video Processing

Boost video upscaling performance in Topaz Video AI.

**3x** Faster Code Compilation

Enhance project build times in Xcode.

Mac Studio M3 Ultra vs. M1 Ultra  
Mac Studio M3 Ultra vs. Mac Pro with 16-core Intel Xeon W and Radeon Pro W5700X  
Mac Studio with M4 Max vs. 27-inch iMac with 10-core Intel Core i9 and Radeon Pro 5700 XT vs

### On-Device AI Model Recommendations & Use Cases

Model Size	Memory Recommendation	Chip
14B	32GB+	M4 Max
32B	64GB+	M4 Max
70B	128GB+	M4 Max
270B	256GB+	M3 Ultra
600B	512GB	M3 Ultra

Knowledge  
Discovery

Content Generation

Developer Capability

Data Analysis &  
Insights

### Unmatched Power—A Dual Performance Beast



#### M4 Max

Up to  
**40-core**  
GPU

Up to  
**128GB**  
unified memory

#### M3 Ultra

Up to  
**80-core**  
GPU

Up to  
**512GB**  
unified memory

high-speed  
PCIe  
expansion

**120Gb/s**

Faster Neural  
Engine Network

Supports  
up to  
**8 external  
6K  
displays**



5x Thunderbolt  
10Gb Ethernet  
USB-A

HDMI  
headphone  
jack

Learn about Mac Studio and initiate educational deployment immediately.  
Please call 1833 282 to inquire with the HKT education team.